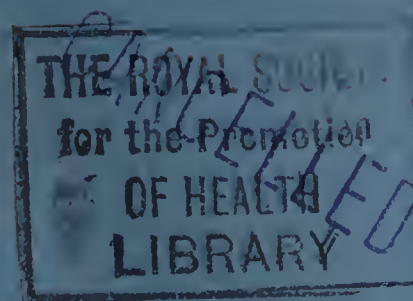




REPUBLIC OF SOUTH AFRICA
REPUBLIC VAN SUID-AFRIKA



Annual Report

of the

Department of Health

for the

Five Years ended 31st December, 1964

Published by Authority

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Jaarverslag

van die

Departement van Gesondheid

vir die

Vyf Jaar geëindig 31 Desember 1964

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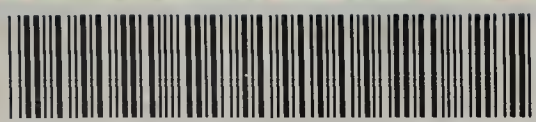
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1960-64

REPORT
OF THE
DEPARTMENT OF
HEALTH
FOR THE YEARS 1960-1964.

THE HONOURABLE THE MINISTER OF HEALTH,
SIR,

I have the honour to submit, for your information, the following report on the work of the Department of Health for the 5-year period ended 31st December, 1964:—

DEPARTMENT OF HEALTH AS AT
31ST DECEMBER, 1964.

Minister of Health:

Dr. the Hon. A. Hertzog.

Senior Officers of the Department:

Secretary for Health and Chief Health Officer:

Dr. B. M. Clark.

On the retirement of Dr. J. J. du Pré le Roux in 1960, Dr. B. M. Clark was appointed Secretary.

Commissioner for Mental Hygiene:

Dr. A. M. Lamont.

On the retirement of Dr. B. P. Pienaar in 1961, Dr. A. M. Lamont was appointed Commissioner.

Assistant Chief State Health Officers:

Dr. W. A. Smit.
Dr. H. H. Eiselen.

Deputy-Secretary:

Mr. G. R. Kempff.

Under Secretaries:

Mr. J. A. Basson (Staff Services and General).
Dr. N. Reinach (Medical Schemes).
Mr. J. A. Coetzee (Additional).
Mr. C. J. Brits (Health Services: Administrative).

Chief Accountant:

Mr. P. J. P. Lombard.

Regional Directors:

Dr. P. C. Eagle, Pietersburg.
Dr. R. J. Smit, Cape Town.
Dr. C. A. M. Murray, Johannesburg.
Dr. B. J. van Rensburg, East London.
Dr. D. H. Hooey, Durban.
Dr. L. Been, Bloemfontein.

Adviser on Tuberculosis Services and Medical Superintendent of King George V Hospital:

Dr. B. A. Dormer.

Senior Government Pathologist and Adviser on Pathological Services:

Dr. L. S. Smith.

VERSLAG
VAN DIE
DEPARTEMENT VAN
GESONDHEID
VIR DIE JARE 1960-1964.

SY EDELE DIE MINISTER VAN GESONDHEID,
WELEDELE HEER,

Ek het die eer om vir u inligting die volgende verslag oor die werksaamhede van die Departement van Gesondheid vir die 5 jaar geëindig 31 Desember 1964 in te dien:—

DEPARTEMENT VAN GESONDHEID SOOS OP
31 DESEMBER 1964.

Minister van Gesondheid:

Sy Edele dr. A. Hertzog.

Senior Beamptes van die Departement.

Sekretaris van Gesondheid en Hoofgesondheids-beampte:

Dr. B. M. Clark.

Nadat dr. J. J. du Pré le Roux in 1960 afgetree het, is dr. B. M. Clark as Sekretaris aangestel.

Kommissaris van Geesteshigiëne:

Dr. A. M. Lamont.

Nadat dr. B. P. Pienaar in 1961 afgetree het, is dr. A. M. Lamont as Kommissaris aangestel.

Assistent-hoofstaatsgesondheidsbeamptes:

Dr. W. A. Smit.
Dr. H. H. Eiselen.

Adjunk-sekretaris:

Mnr. G. R. Kempff.

Ondersekretarisse:

Mnr. J. A. Basson (Personeeldienste en Algemeen).
Dr. N. Reinach (Mediese Skemas).
Mnr. J. A. Coetzee (Addisioneel).
Mnr. C. J. Brits (Gesondheidsdienste: Administratief).

Hoofrekenmeester:

Mnr. P. J. P. Lombard.

Streekdirekteure:

Dr. P. C. Eagle, Pietersburg.
Dr. R. J. Smit, Kaapstad.
Dr. C. A. M. Murray, Johannesburg.
Dr. B. J. van Rensburg, Oos-Londen.
Dr. D. H. Hooey, Durban.
Dr. L. Been, Bloemfontein.

Adviseur van Tuberkulosedienste en Mediese Superintendent van die King George V-hospitaal.

Dr. B. A. Dormer.

Senior Staatspatoloog en Adviseur van Patalogiese Dienste.

Dr. L. S. Smith.

**AUTHORISED ESTABLISHMENT—
31ST DECEMBER, 1964.**

FULL-TIME POSTS

	Posts.	Perm. Filled.	Temp. Filled.	Vacant.
Professional—				
Medical Officers—				
Head Office.....	11	9	2	—
Regional Offices.....	61	28	2	31
Tuberculosis Services.	59	42	9	8
Laboratory Services..	25	17	2	6
Mental Health Services	81	60	6	15
District Surgeons.....	96	49	5	42
Leprosy Services.....	6	3	—	3
	339	208	26	105
Other Professional Officers:				
Chief Nutrition Adviser	1	1	—	—
Dentists.....	8	3	2	3
Entomologist.....	1	1	—	—
Ecologist.....	1	1	—	—
Pharmacists.....	11	5	2	4
Professional Officers....	34	23	4	7
	56	34	8	14
Administrative.....	105	105	—	—
Technical—				
Health Inspectors.....	187	149	12	26
Occupational Therapists				
Radiographers.....				
Physiotherapists.....				
Technical Officers.....				
Technologists.....	278	179	67	32
Clerical.....				
General—				
Nurses/Male Nurses...	2,611	1,284	995	332
Other—				
Artisans.....	1,419	824	364	231
Technical Assistants....				
Stores Staff.....				
Domestic Staff.....				
Non-Whites.....	5,417	5,396	—	21

PART-TIME POSTS

	Posts.	Perm. Filled.	Temp. Filled.	Vacant.
Professional—				
Medical Officers—				
Head Office.....	1	—	1	—
Regional Offices.....	5	—	5	—
Tuberculosis Services.	39	—	37	2
Laboratory Services..	—	—	—	—
Mental Health Services	2	—	2	—
District Surgeons.....	431	343	40	48
	478	343	85	50
Technical.....	1	—	1	—
Clerical.....	4	—	4	—

Organisation Chart (attached hereto.)

COMMITTEES/COMMISSIONS OF INQUIRY.

1959: In December, 1959, a Commission of Inquiry into Ionising Radiation was appointed under the chairmanship of Professor S. F. Oosthuizen. This Commission has completed its inquiry.

1960: A Commission of Inquiry into the High Costs of Medical Services and Medicines, under the chairmanship of Prof. H. W. Snyman. This Commission brought out its report and recommendations in 1962. The report and recommendations of the Departmental Committee of Inquiry into Medical Aid, Benefit

**GOEDGEKEURDE DIENSSTAAT—31 DESEMBER 1964.
VOLTYDSE POSTE.**

	Poste.	Perm. gevul.	Tyd. gevul.	Vakant.
Vakkundig—				
Mediese beamptes—				
Hoofkantoor.....	11	9	2	—
Streekskantore.....	61	28	2	31
Tuberkulosedienste...	59	42	9	8
Laboratoriumdienste.	25	17	2	6
Geestesgesondheids- dienste.....	81	60	6	15
Distriksgeneeshere....	96	49	5	42
Leprosedienste.....	6	3	—	3
	339	208	26	105
Ander vakkundige beamptes—				
Hoofvoedingsadviseur..	1	1	—	—
Tandartse.....	8	3	2	3
Entomoloog.....	1	1	—	—
Ekoloog.....	1	1	—	—
Aptekers.....	11	5	2	4
Vakkundige beamptes..	34	23	4	7
	56	34	8	14
Administratief.....	105	105	—	—
Tegnies—				
Gesondheidsinspekteurs.	187	149	12	26
Werkterapeute.....				
Fisioterapeute.....				
Radiografiste.....				
Tegniese beamptes.....				
Tegnoloë.....	278	179	67	32
Klerklik.....				
Algemeen—				
Verpleegsters/Verpleërs..	2,611	1,284	995	332
Ander—				
Ambagsmanne.....	1,419	824	364	231
Tegniese assistente.....				
Voorradepersoneel....				
Huishoudelike personeel, ens.....				
Nie-Blankes.....	5,417	5,396	—	21

DEELTYDSE POSTE.

	Poste.	Perm. gevul.	Tyd. gevul.	Vakant.
Vakkundig—				
Mediese beamptes—				
Hoofkantoor.....	1	—	1	—
Streekskantore.....	5	—	5	—
Tuberkulosedienste...	39	—	37	2
Laboratoriumdienste.	—	—	—	—
Geestesgesondheids- dienste.....	2	—	2	—
Distriksgeneeshere....	431	343	40	48
	478	343	85	50
Tegnies.....	1	—	1	—
Klerklik.....	4	—	4	—

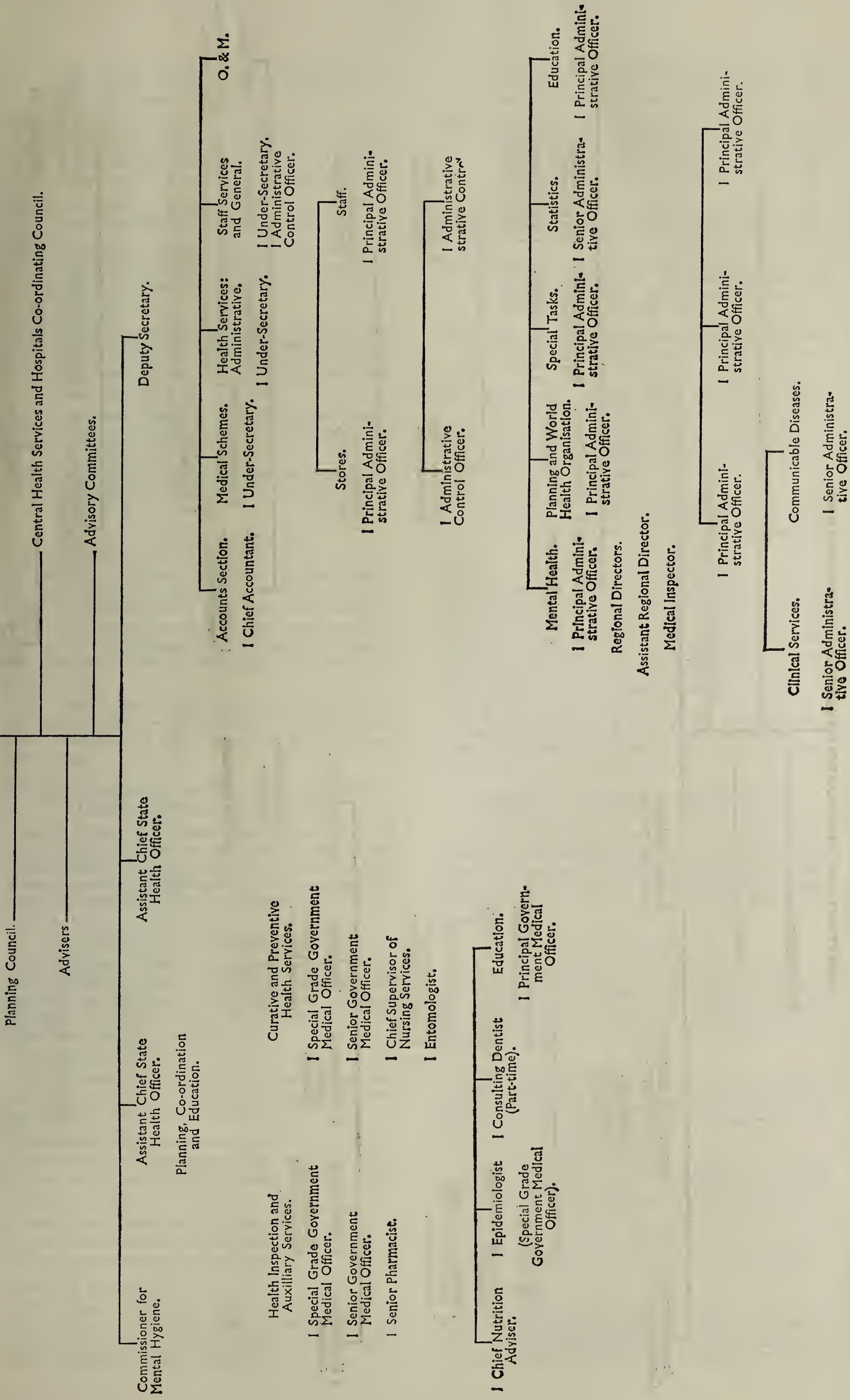
Organisasiekaart (hierby aangeheg.)

KOMITEES/KOMMISSIES VAN ONDERSOEK.

1959: In Desember 1959 is 'n Kommissie van Onderzoek insake Ioniserende Bestraling onder voorsitterskap van prof. S. F. Oosthuizen benoem. Hierdie Kommissie se ondersoek is reeds voltooi.

1960: 'n Kommissie van Onderzoek insake Hoë Koste van Mediese Dienste en Medisyne, onder voorsitterskap van prof. H. W. Snyman. Hierdie Kommissie het in 1962 sy verslag en aanbevelings beskikbaar gestel. Die verslag en aanbevelings van die Departementele Komitee van Onderzoek insake Mediese Hulp- By-

SECRETARY FOR HEALTH AND CHIEF HEALTH OFFICER.



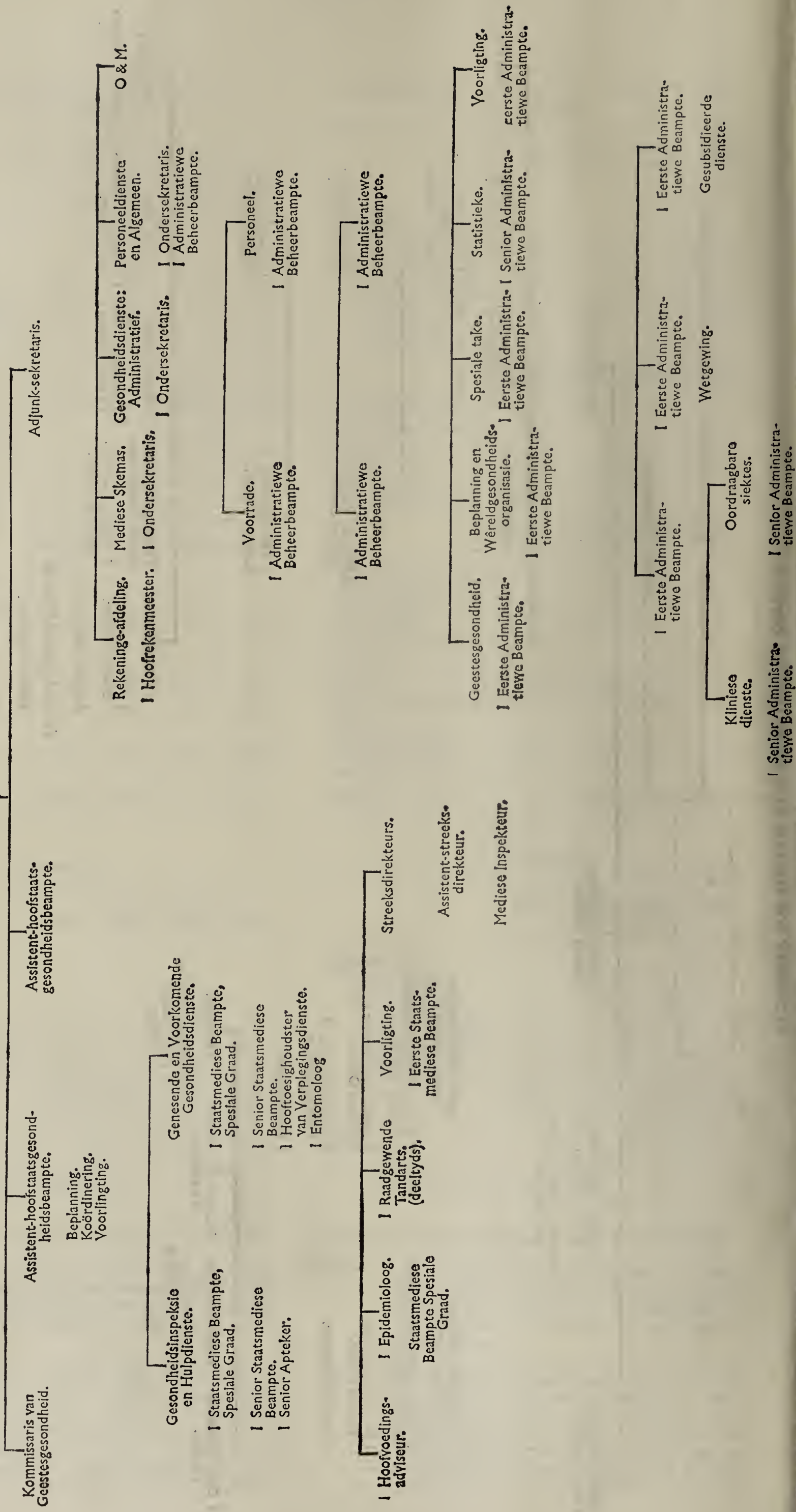
SEKRETARIS VAN GESONDHEID EN HOOFGESONDHEIDSBEAMPTÉ.

Bepanningsraad:

Adviseurs:

...Sentrale Gezondheidsdienst en Hospitale Koördineringsraad.

-Advieskomitees.



and Insurance Schemes, under the chairmanship of Dr. N. Reinach, was incorporated in the Commission's report.

- 1960: An Inter-Departmental Committee of Inquiry into Health Services in Bantu Homelands, under the chairmanship of Dr. H. H. Eiselen. This Committee completed its inquiry in 1963.
- 1962: Commission of Inquiry into Chiropractic, under the chairmanship of Prof. H. H. Mönnig.
- 1963: Commission of Inquiry into Dental Services and the Training of non-White Dental Surgeons, under the chairmanship of Dr. J. F. v. d. S. de Villiers.
- 1964: Commission of Inquiry into Fluoridation, under the chairmanship of Mr. W. J. McKenzie, S.C.
- 1964: Commission of Inquiry into Nursing, under the chairmanship of Mr. P. Couzyn.
- 1964: Committee of Inquiry into the Safeguarding of Man against Poisons, under the chairmanship of Dr. W. H. Craib.
- 1964: Committee of Inquiry into the Injudicious Use of Hearing Aids, under the chairmanship of Mr. W. A. v. d. Sandt.

THE PLANNING COUNCIL.

Pursuant to a Cabinet decision, a Planning Council was established on 1st November, 1960. The Council consists of eleven members, under the chairmanship of Prof. H. W. Snyman, Professor of Medicine, University of Pretoria. The Planning Council is mainly concerned with questions of general policy and the planning of health services.

The Council meets about once a year, and its fifth meeting took place on 7th December, 1964. The Executive Committee of the Council meets about eight times a year.

CENTRAL HEALTH SERVICES AND HOSPITALS CO-ORDINATING COUNCIL.

Section 4 (*bis*) of the Public Health Act, No. 36 of 1919, makes provision for the appointment of this Council. The Regulations require the Council to meet at least twice in a calendar year. The Council met on eleven occasions during the period 1960-1964.

ADVISORY COMMITTEES.

The Department finds it necessary to rely on the advice of experts outside the Public Service in connection with the carrying out of some of its statutory functions. For this purpose the following Advisory Committees were appointed: —

1. *Virology Committee.*

This Committee was appointed in April, 1957, and meets about once a year. During the period 1960-1964, the Committee met on nine occasions.

2. *Therapeutic Substances Committee.*

This Committee was appointed in 1958, and meets at least once a year. During the period 1960-64, it met on four occasions.

3. *Blood Transfusion Services Committee.*

This Committee was appointed in April, 1957. It has met on several occasions since then.

4. *Leprosy Committee.*

Government Notice No. 1898 of 11th November, 1924, makes provision for the appointment of a Leprosy Advisory Committee. This Committee met on three occasions during the period 1960-1964.

stands- en Assuransieskemas, onder voorsitterskap van dr. N. Reinach, is as deel van die Kommissie se verslag opgeneem.

- 1960: 'n Inter departementele Komitee van Onderzoek insake Gesondheidsdienste in Bantoetuislande onder voorsitterskap van dr. H. H. Eiselen. Hierdie Komitee se ondersoek is in 1963 voltooi.
- 1962: Kommissie van Onderzoek na die Chiropraktyk, onder voorsitterskap van prof. H. O. Mönnig.
- 1963: Kommissie van Onderzoek insake Tandheelkundige Dienste en die Opleiding van nie-Blanke Tandartse, onder voorsitterskap van dr. J. F. v. d. S. de Villiers.
- 1964: Kommissie van Onderzoek insake Fluoridasie, onder voorsitterskap van mnr. W. J. Mckenzie, S.A.
- 1964: Kommissie van Onderzoek insake Verpleging, onder voorsitterskap van mnr. P. Couzyn.
- 1964: Komitee van Onderzoek na die Beveiliging van die Mens teen Gifstowwe, onder voorsitterskap van dr. W. H. Craib.
- 1964: Komitee van Onderzoek insake die Onoordeelkundige Gebruik van Gehoortoestelle, onder voorsitterskap van mnr. W. A. v. d. Sandt.

DIE BEPLANNINGSRAAD.

Op 1 November 1960 is 'n Beplanningsraad as gevolg van 'n beslissing van die Kabinet in die lewe geroep. Die Raad bestaan uit elf lede, onder voorsitterskap van prof. H. W. Snyman, Professor, Interne Geneeskunde, Universiteit Pretoria. Die Beplanningsraad is hoofsaaklik belas met vraagstukke van algemene beleid en met die beplanning van gesondheidsdienste.

Die Raad vergader ongeveer een keer per jaar en die 5de Vergadering van die Raad het op 7 Desember 1964 plaasgevind. Die Uitvoerende Komitee van die Raad vergader ongeveer agt keer per jaar.

SENTRALE GESONDHEIDSDIENSTE EN HOSPITALE KOÖRDINERINGSRAAD.

Vir die aanstelling van hierdie Raad word in artikel 4 (*bis*) van die Volksgesondheidswet, No. 36 van 1919, voorsiening gemaak. Die Regulasies vereis dat die Raad minstens twee maal in 'n kalenderjaar vergader. Die Raad het gedurende die tydperk 1960-1964 elf keer vergader.

ADVIESKOMITEES.

Die Departement vind dit nodig met betrekking tot die vervulling van sommige van sy statutêre funksies staat te maak op die advies van deskundiges buite die Staatsdiens. Vir hierdie doel is die volgende Advieskomitees benoem: —

1. *Virologiekomitee:*

Hierdie Komitee is in April 1957 in die lewe geroep, en vergader ongeveer een keer per jaar. In die tydperk 1960-1964 het die Komitee nege keer vergader.

2. *Terapeutiese Stowwekomitee:*

Hierdie Komitee is in 1958 aangestel en vergader minstens een keer per jaar. Gedurende die tydperk 1960-1964 het hierdie Komitee vier keer vergader.

3. *Komitee insake Bloedoortappingsdienste:*

Hierdie Komitee is in April 1957 in die lewe geroep. Sedertdien het die Komitee verskeie kere vergader.

4. *Leprakomitee:*

Vir die aanstelling van 'n Lepra-advieskomitee word in Goewermentskennisgewing No. 1898 van 11 November 1924 voorsiening gemaak. Hierdie Komitee het drie keer vergader gedurende die tydperk 1960-1964.

POLIOMYELITIS.

After the conclusion of the International Conference which was held in Copenhagen during July, 1960, and at which it was found that the oral administration of the new vaccine, consisting of live but attenuated polio viruses, was safe and effective, it was decided to test it out in the cities and some of the larger towns in South Africa. During this pilot immunisation campaign, about 2,200,000 doses were administered. This vaccine consisted only of Type 1 polio virus.

Towards the end of 1960, it was decided to launch a country-wide immunisation campaign with all three types of polio virus, Types 1, 2 and 3, during the cold months of 1961. It was estimated that the number of susceptible persons totalled 5,843,000. For the three immunisation rounds, the laboratory of the Poliomyelitis Research Foundation therefore had to prepare almost 18 million doses of the liquid trivalent oral vaccine.

Before and during each of the three administrations of the oral vaccine, a propaganda campaign was conducted on a country-wide scale. During the national campaign, the public co-operated whole-heartedly with the Department, and the oral vaccine was administered to about 80 per cent of the estimated number of susceptibles.

The last major poliomyelitis epidemic commenced towards the end of 1955 and terminated in 1957. During 1956, 3,349 cases were notified, and in 1957 the cases notified totalled 2,442.

The following table indicates the number of poliomyelitis cases notified during the years 1958-1964:—

1958—675.
1959—726.
1960—1,054.
1961—383.
1962—101.
1963—342.
1964—107.

The incidence of poliomyelitis has decreased considerably since the national immunisation campaign was launched in 1961. This satisfactory state of affairs could only continue if all new arrivals, i.e. infants and susceptible immigrants, were immunised against the disease. Towards the end of 1962, it was ascertained that only 46 per cent of the urban local authorities had facilities for immunisation against poliomyelitis. Surveys carried out in the Southern Transvaal region indicated early in 1963 that only 26 per cent of susceptibles (all races) were immunised against the disease. Only 41 of the 342 cases reported in 1963 had received one or more doses of the oral vaccine.

It was felt that this unsatisfactory state of affairs could possibly be remedied by making immunisation against poliomyelitis compulsory. Regulations were promulgated on 27th December, 1963, whereby all local authorities are compelled to establish and maintain an immunisation service for the administration, free of charge, of the oral vaccine. However, the regulations place the onus for the immunisation of susceptibles in the first place on the parents, guardians and immigrants concerned.

Every parent or guardian of a child is compelled by these regulations to commence the immunisation of a child within three months after the child has attained the age of three months. Such immunisation must be completed within a period of twelve months reckoned from the date of administration of the first dose.

POLIOMIELITIS.

Na afloop van die Internasionale Konferensie wat gedurende Julie 1960 te Kopenhagen gehou is, en waarop bevind is dat die toediening deur die mond van die nuwe entstof wat uit lewende maar verswakke polio-virusse bestaan, veilig en doeltreffend is, is besluit om dit in die stede en sommige groot dorpe in Suid-Afrika op die proef te stel. Gedurende hierdie proeffimmuniseringsveldtog is ongeveer 2,200,000 dosisse toegedien. Hierdie entstof het slegs uit Tipe 1-poliovirus bestaan.

Teen die end van 1960 is besluit om 'n landswye immuniseringsveldtog met al drie poliovirustipes, naamlik Tipes 1, 2 en 3, gedurende die koue maande van 1961 van stapel te stuur. Die aantal vatbare persone is op 5,843,000 beraam. Vir die drie toedieningsrondes moes die laboratorium van die Poliomiëlitisnavorsingstigting dus byna 18 miljoen dosisse van die vloeibare trivalente slukentstof berei.

Voor en gedurende elkeen van die drie toedienings van die slukentstof is 'n reklameveldtog op 'n landswye skaal gevoer. Tydens die nasionale veldtog het die publiek hartlik met die Departement saamgewerk, en die slukentstof is aan sowat 80 persent van die beraamde aantal vatbares toegedien.

Die laaste groot epidemie van poliomiëlitis het teen die end van 1955 begin en in 1957 ten einde geloop. Gedurende 1956 is 3,349 gevalle aangegee en in 1957 'n totaal van 2,442 gevalle.

Onderstaande tabel toon die aantal gevalle van poliomiëlitis wat gedurende die jare 1958-1964 aangegee is:—

1958 — 675.
1959 — 726.
1960 — 1,054.
1961 — 383.
1962 — 101.
1963 — 342.
1964 — 107.

Nadat die nasionale immuniseringsveldtog in 1961 van stapel gestuur is, het die voorkoms van poliomiëlitis aanmerklik afgeneem. Hierdie bevredigende stand van sake kon slegs voortduur indien alle nuwe aankomelinge, d.w.s. babas en vatbare immigrante, teen die siekte geïmmuniseer word. Teen die einde van 1962 is vasgestel dat slegs 46 persent van die stedelike plaaslike owerhede 'n diens vir immunisering teen poliomiëlitis ingestel het. Opnames in die Suid-Transvaal-streek het vroeg in 1963 getoon dat slegs 26 persent van die vatbares (alle rasse) teen die siekte geïmmuniseer is. Slegs 41 van die 342 gevalle wat in 1963 aangegee is het een of meer dosisse slukentstof gehad.

Daar is gevoel dat hierdie onbevredigende toestand moontlik reggestel kan word deur immunisering teen poliomiëlitis verpligtend te maak. Regulasies is op 27 Desember 1963 afgekondig waarby alle plaaslike owerhede verplig word om 'n immuniseringsdiens vir die gratis toediening van die slukentstof in te stel en te onderhou. Die regulasies plaas die onus vir die immunisering van vatbares in die eerste plek egter op die betrokke ouers, voogde en immigrante.

Elke ouer of voog van 'n kind word by hierdie regulasies verplig om met die immunisering van 'n kind te begin binne drie maande nadat die kind die leeftyd van drie maande bereik het. Sodanige immunisering moet voltooi word binne 'n tydperk van twaalf maande gereken vanaf die toediening van die eerste dosis.

Every immigrant under the age of forty years must ensure the commencement of his immunisation against poliomyelitis within three months of his arrival in the Republic and the completion of the immunisation within twelve months of the administration of the first dose.

SMALLPOX.

Not a single case of smallpox occurred in South Africa from 1956 to 1959. The following table indicates the number of cases notified during the period 1960-1964:—

1960—65.
1961—8.
1962—103.
1963—254.
1964—301.

During the year 1960, a person with smallpox in the incubation stage entered South Africa and infected persons susceptible to the disease. The consequence was that 63 Bantu and 2 Coloureds contracted the disease. It was realised that, more than ever before, a close watch had to be kept against the danger of smallpox being introduced from outside the borders of this country. To this end, it was decided at the beginning of 1961 to require a valid vaccination certificate of all persons entering the Republic, with the exception of persons from Western Europe, North and South America and New Zealand. Since 1st April, 1962, however, a valid vaccination certificate is required of all persons entering the Republic. This requirement also applies to persons from the neighbouring territories or any of the Protectorates who enter this country, as well as to South African citizens returning from visits to these and other territories.

The increase in the number of cases of smallpox in 1962, and especially in 1963, was part of the general pattern of the incidence of smallpox in Southern Africa. The vast majority of cases occurred in the Eastern Transvaal and Northern Natal.

In March, 1964, members of a family with smallpox in the incubation stage entered this country from Malawi. This resulted in a smallpox outbreak in Port Elizabeth and the neighbouring areas. More than 60 cases of smallpox occurred, 8 of which were fatal.

As a consequence of this outbreak, the vigilance on the Republic's borders was intensified. With the establishment of border posts on the borders of the Protectorates, stricter control is constantly exercised in co-operation with the S.A. Police and officials of the Department of Bantu Administration and Development.

To prevent a repetition of the Port Elizabeth outbreak, however, it is essential to ensure that the entire population within the Republic is immunised as far as possible against smallpox. The Department, therefore, decided to institute stricter measures, with effect from 1st January, 1965, for enforcing the existing statutory requirements in regard to smallpox.

In order to bring the statutory requirements relating to vaccination against smallpox to the notice of the public, an educational campaign was launched through the medium of the press and the radio. Posters indicating the facilities available to persons wishing to be vaccinated were displayed at public places, such as post offices. The co-operation of local authorities was enlisted in regard to the vaccination campaign. Regional Directors were instructed timeously to arrange the annual vaccination tours during the winter months of 1964 so as to make vaccination facilities available to

Elke immigrant onder die leeftyd van veertig jaar moet sorg dat 'n begin daarmee gemaak word om hom teen poliomiëlitis te laat immuniseer binne drie maande nadat hy in die Republiek aangekom het en die immunisering moet binne twaalf maande na die toediening van die eerste dosis voltooi wees.

POKKIES.

Van 1956 tot 1959 het nie 'n enkele geval van pokkies in Suid-Afrika voorgekom nie. Die aantal gevalle wat gedurende die jare 1960-1964 aangegee is word in onderstaande tabel aangedui:—

1960—65.
1961—8.
1962—103.
1963—254.
1964—301.

Gedurende die jaar 1960 het 'n persoon wat pokkies onder lede gehad het, Suid-Afrika binnegekom en persone wat vir die siekte vatbaar was, aangesteek. Die gevolg was dat 63 Bantoes en 2 Kleurlinge die siekte opgedoen het. Daar is besef dat daar meer as ooit tevore gewaak moes word teen die gevaar dat pokkies van buite die grense van die land binnekom. Met die oog hierop is daar aan die begin van 1961 besluit om 'n geldige inentingssertifikaat te eis van alle persone wat die Republiek binnekom, met uitsondering van persone wat uit Wes-Europa, Noord- en Suid-Amerika en Nieu-Seeland kom.

Sedert 1 April 1962, word 'n geldige inentingssertifikaat teen pokkies egter van alle persone wat die Republiek binnekom, geëis. Hierdie vereiste is ook van toepassing op persone wat uit aangrensende gebiede of enigeen van die Protektorate die land binnekom, sowel as op Suid-Afrikaanse burgers by hulle terugkeer ná besoeke aan hierdie of ander gebiede.

Die vermeerdering van die aantal gevalle van pokkies in 1962 en veral in 1963 was deel van die algemene patroon van die voorkoms van pokkies in Suidelike Afrika. Die oorgrote meerderheid van gevalle het in Oos-Transvaal en Noord-Natal voorgekom.

In Maart 1964 het 'n gesin afkomstig uit Malawi die land binnegekom terwyl lede van hierdie gesin pokkies onder lede gehad het. Die gevolg was 'n uitbreking van pokkies in Port Elizabeth en die omliggende gebiede. Meer as 60 gevalle van pokkies het voorgekom, waarvan 8 noodlottig was.

As gevolg van hierdie uitbreking is die waaksaamheid op die grense van die Republiek verskerp. Met die stigting van grensposte op die grense van die Protektorate word steeds strenger beheer toegepas in samewerking met die S.A. Polisie en amptenare van die Departement van Bantoe-administrasie en -ontwikkeling.

Dit bly egter noodsaaklik dat die hele bevolking binne die Republiek sover moontlik onvatbaar vir pokkies gemaak moet word om 'n herhaling van die Port Elizabeth-uitbreking te voorkom. Die Departement het derhalwe besluit om vanaf 1 Januarie 1965 strenger maatreëls vir die toepassing van die bestaande wetlike vereistes ten opsigte van pokkies in te stel.

'n Voorligtingsveldtog is deur middel van die pers en die radio geloods om die wetlike vereistes ten opsigte van inenting teen pokkies onder die aandag van die publiek te bring. Plakkate wat besonderhede verstrekket van die fasiliteite wat beskikbaar gestel word vir persone wat hulle wil laat inent, is by openbare plekke soos poskantore aangebring. Die samewerking van plaaslike owerhede is verkry om 'n bydrae tot die inentingsveldtog te lewer. Daar is vroegtydig aan Streeksdirekteure opdrag gegee om die jaarlikse inentingstoere gedurende die wintermaande van 1964 so te reël dat inentingsfasiliteite aan al die bevolkings-

all population groups. The result was that almost twice as many doses of vaccine were issued during 1964 by the State Vaccine Institute at Pinelands as in 1963, namely, 14,530,556 doses.

MALARIA.

Malaria cases notified through the usual channels during the years 1960-1964 are shown in the following table:—

Year.	Whites.	Bantu.	Coloureds.	Asiatics.	Total.
1960.....	34	337	1	3	376
1961.....	54	237	46	6	343
1962.....	27	219	2	4	252
1963.....	38	154	—	2	194
1964.....	23	104	—	1	128

There was a marked decrease in the incidence of malaria cases during the past 5 years. These cases occurred mainly in the Northern and North-Eastern Transvaal and in Northern Natal. In 1961, a malaria epidemic occurred in the Northern Cape north of the Orange River, which accounts for the unusually high number of malaria cases among Coloureds in that year.

In September, 1961, a National Malaria Organising Committee was appointed to serve as the central co-ordinating body for all malaria activities in this country. This committee met on three occasions, and the last meeting was held on the 20th and 21st September, 1962.

Large numbers of bloodsmears are examined annually by the health personnel in order to detect persons harbouring the parasite. In 1963 alone, 114,091 smears were examined, and 1,024 carriers of the parasite were traced. In 1964 113,033 smears were examined and 689 carriers were traced.

All human habitations and outbuildings in malarial areas were regularly sprayed with residual insecticides to combat malaria mosquitoes. In the same areas and elsewhere, all malaria cases—those actually sick, as well as the larger number without symptoms who were traced during the mass surveys—were treated immediately to eliminate carriers of the parasite.

Entomological surveys were carried out by the Anncke Institute at Tzaneen to determine the incidence and ecology of malaria mosquitoes.

TYPHUS FEVER.

After D.D.T. came into general use for the combating of typhus fever, the number of cases notified annually gradually decreased to such an extent that it did not exceed the 100 mark in any year during the period ended 31st December, 1960.

The following table indicates the number of cases notified during the years 1960-1964:—

1960—90.
1961—176.
1962—127.
1963—32.
1964—22.

These cases occurred mainly in the Glen Grey, St. Mark's, Queenstown, Xalanga and Engcobo districts.

During 1961/62, there was a notable increase in the number of cases of typhus fever in the Eastern Cape. A conference was held immediately to discuss the position, and more intensive measures were enforced in the area concerned. Difficulty was at times experienced in obtaining the co-operation of the entire

groepe beskikbaar gestel word. Die resultaat was dat daar gedurende 1964 bykans twee keer soveel dosisse entstof deur die Staatsentstofinstituut te Pinelands uitgereik is as in 1963, nl. 14,530,556 dosisse.

MALARIA.

Die gevalle van malaria wat gedurende die jare 1960-1964 deur die gewone kanale aangegee is, word in onderstaande tabel getoon:—

Jaar.	Blankes.	Bantoes.	Kleurlinge.	Asiate.	Totaal.
1960.....	34	338	1	3	376
1961.....	54	237	46	6	343
1962.....	27	219	2	4	252
1963.....	38	154	—	2	194
1964.....	23	104	—	1	128

Daar is 'n duidelike afname in die voorkoms van malariagevalle gedurende die afgelope 5 jaar. Hierdie gevalle het hoofsaaklik in Noord- en Noordoos-Transvaal en in Noord-Natal voorgekom. In 1961 het 'n malaria-epidemie in Noord-Kaapland noord van die Oranjerivier voorgekom wat die buitengewoon hoë aantal malariagevalle onder Kleurlinge in daardie jaar verklaar.

In September 1961 is 'n Nasionale Malariareëlingskomitee in die lewe geroep om as sentrale koördinerende liggaam vir alle malariawerksaamhede in die land te dien. Hierdie komitee het drie keer vergader, en die laaste vergadering is op 20 en 21 September 1962 gehou.

Jaarliks word 'n groot aantal bloedsmeere deur gesondheidspersoneel ondersoek met die oog daarop om persone wat die parasiet huisves te ontdek. In 1963 alleen is 114,091 smere ondersoek en 1,024 parasietdraers is opgespoor. In 1964 is 113,033 smere ondersoek, en 689 parasietdraers opgespoor.

Alle menslike wonings en buitegeboue in gebiede waar malaria nog oorgedra word, is gereeld met nwerkende insekdodende middels bestuif om die malariamuskiete te bekamp. In dieselfde gebiede en elders is alle malariagevalle wat werklik siek was en ook die groter getal wat geen simptome vertoon het nie, maar tydens die massa-opnames opgespoor is, dadelik behandel om parasietdraers uit te skakel.

Entomologiese opnames is deur die Annecke-instituut te Tzaneen uitgevoer om die voorkoms en ekologie van malariamuskiete te bepaal.

VLEKTIFUS.

Nadat D.D.T. in algemene gebruik gekom het vir die bestryding van vlektifus, het die aantal gevalle wat jaarliks aangegee is, geleidelik afgeneem sodat dit gedurende die tydperk tot aan die end van 1960 in geen jaar die 100-merk oorskry het nie.

Onderstaande tabel toon die aantal gevalle wat gedurende die jare 1960-1964 aangegee is:—

1960—90.
1961—176.
1962—127.
1963—32.
1964—22.

Hierdie gevalle het hoofsaaklik in die distrikte Glen Grey, St. Mark's, Queenstown, Xalanga en Engcobo voorgekom.

Gedurende 1961/62 was daar 'n aanmerklike vermeerdering in die gevalle van vlektifus in Oos-Kaapland. 'n Konferensie is dadelik gehou om die toestand te bespreek en intensiewer maatreëls is in die betrokke gebied toegepas. Dit was soms moeilik om die samewerking van die hele bevolking te verkry, en

population, and, because a large part of the population do not realise the dangers coupled with lice, health education had to be undertaken. During the past two years, the incidence of typhus has decreased considerably.

PLAGUE.

The incidence of plague was limited to a few cases during the years 1960-1964.

In 1960, one case, a Bantu, was notified in the district of Kirkwood. In 1961, only one case, also a Bantu, was notified in the Glen Grey district. In 1962, there were 7 Bantu who suffered from plague, 4 in the St. Mark's district and 3 in Glen Grey. No cases of plague occurred in 1963. In December, 1964, a Coloured died of plague in the Vryburg district, Northern Cape.

In 1962 when an outbreak of plague occurred in Ovamboland, S.W.A., two medical officers of this Department went there to render temporary assistance in combating the outbreak.

During the past 5 years, intensive surveys were undertaken by the Medical Ecology Centre, Johannesburg, in various parts of the country and also in South-West Africa to complete the charting of the distribution of rodents and their ectoparasites. All specimens were examined routinely in order to detect possible infection with plague bacilli.

In 1963, serological surveys of rodents were initiated in co-operation with the Hooper Foundation of the United States of America. The entire endemic area is at present being systematically investigated. This is a revolutionary method of evaluating the incidence of plague in rodents.

TYPHOID FEVER.

The following table details the number of cases of typhoid fever notified in the Republic of South Africa during the period 1960 to 1964:—

Year.	Whites.	Bantu.	Coloureds.	Asiatics.	Total.
1960.....	108	2,000	259	20	2,387
1961.....	89	1,802	111	28	2,030
1962.....	98	2,009	120	27	2,254
1963.....	82	2,602	150	74	2,908
1964.....	74	3,027	123	19	3,243

During the past three years, there was an increase in the number of cases of typhoid fever notified. This increase occurred principally in the rural Bantu population. It is reflected in the further analysis of the figures for 1964 and is attributed to the poor hygienic conditions in the rural areas.

Race.	Urban.	Rural.	Total.
Whites.....	45	29	74
Bantu.....	501	2,526	3,027
Coloureds.....	78	45	123
Asiatics.....	12	7	19
TOTAL.....	636	2,607	3,243

The increase, especially in 1964, is attributed to the drought which prevailed in the Northern Transvaal. Inadequate and polluted water supplies caused a large number of cases of typhoid fever, particularly during the first few months of 1964.

voorligtingswerk moes gedoen word omdat 'n groot deel van die bevolking nie die gevare wat met luise gepaard gaan, beseft nie. Gedurende die afgelope twee jaar het die voorkoms van vlektifus aanmerklik afgeneem.

PES.

Die voorkoms van pes was gedurende die jare 1960-1964 tot enkele gevalle beperk.

In 1960 is een geval, 'n Bantoe, in die Kirkwood-distrik aangegee. In 1961 is net een geval, ook 'n Bantoe, in die Glen Grey-distrik aangegee. In 1962 was daar 7 Bantoes wat aan pes gely het, vier in die St. Mark's-distrik en 3 in Glen Grey. Geen gevalle van pes het in 1963 voorgekom nie. In Desember 1964 het 'n Kleurling in die distrik Vryburg, Noord-Kaapland, aan pes gesterf.

In 1962 met die uitbreking van pes in Ovamboland, S.W.A., het twee mediese beamptes van hierdie Departement daarheen gegaan om tydelike hulp te verleen met die bestryding van die uitbreking.

Intensiewe opnames is gedurende die afgelope 5 jaar in verskillende dele van die land en ook in Suidwes-Afrika deur die Mediese Ekologiesentrum, Johannesburg, gemaak om die kartering van die verspreiding van knaagdiere en hulle ektoparasiete te voltooi. Roetine-ondersoeke is op al die monsters uitgevoer ten einde moontlike besmetting met pesbasille te bepaal.

In 1963 is 'n begin gemaak met serologiese opnames van knaagdiere in samewerking met die „Hooper Foundation” van die V.S.A. Die hele endemiese gebied word tans stelselmatig ondersoek. Dit is 'n revolusionêre metode om die voorkoms van pes onder knaagdiere te evalueer.

MAAGKOORS.

Onderstaande tabel gee 'n uiteensetting van die aantal gevalle van maagkoors wat gedurende die tydperk 1960 tot 1964 in die Republiek van Suid-Afrika aangegee is:—

Jaar.	Blankes.	Bantoes.	Kleurlinge.	Asiate.	Totaal.
1960.....	108	2,000	259	20	2,387
1961.....	89	1,802	111	28	2,030
1962.....	98	2,009	120	27	2,254
1963.....	82	2,602	150	74	2,908
1964.....	74	3,027	123	19	3,243

Gedurende die afgelope 3 jaar was daar 'n toename in die aantal gevalle van maagkoors wat aangegee is. Hierdie toename het veral onder die Bantoebevolking op die platteland voorgekom. Dit word weerspieël in die verdere ontleding van die syfers vir 1964 en word toegeskryf aan die swak higiëniese toestande op die platteland.

Ras.	Stedelik.	Platteland.	Totaal.
Blankes.....	45	29	74
Bantoes.....	501	2,526	3,027
Kleurlinge.....	78	45	123
Asiate.....	12	7	19
TOTAAL.....	636	2,607	3,243

Die toename, veral in 1964, word toegeskryf aan die droogte wat in Noord-Transvaal geheers het. Gebreke en besoedelde watervoorrade het aanleiding gegee tot 'n groot aantal gevalle van maagkoors veral gedurende die eerste paar maande van 1964.

A serious outbreak of typhoid fever in the Mondhlo residential area for Bantu in Natal further contributed to the large number of cases which occurred in 1964. In this instance, too, polluted water supplies were the source of the infection.

As regards the other three population groups, it is striking that the largest percentage of cases occurred in the urban areas where hygienic conditions, generally speaking, should be better than in rural areas, but in some cases still leave much to be desired.

Effective health education for the public and stricter supervision by the responsible authorities and health personnel could bring about a great improvement in the typhoid fever position.

Where serious outbreaks of typhoid fever occurred, investigations *in loco* were carried out by this Department's medical officers and health inspectors. All possible contacts were immunised with typhoid vaccine to prevent the further spread of the disease.

In order to prevent serious outbreaks of the disease, the co-operation of other Government departments was enlisted with the object of providing safe water supplies and improving environmental hygiene.

DIPHThERIA.

The following table shows the total number of cases of diphtheria notified during the years 1960-64, classified according to racial groups:—

Race.	1960.	1961.	1962.	1963.	1964.
Whites.....	479	405	259	253	205
Bantu.....	1,850	2,127	1,665	2,228	1,634
Coloureds.....	373	373	256	299	180
Asiatics.....	68	63	51	50	37
TOTAL.....	2,770	2,968	2,231	2,830	2,056

Although there was a slight decrease in the number of cases during 1964, the position regarding the incidence of diphtheria in the Republic remains most unsatisfactory. In comparison with the position in other civilised countries, the number of notifications still remains alarmingly high, notwithstanding the fact that the vaccine with which children are immunised is supplied free of charge by the Department of Health to local authorities and district surgeons.

The failure of so many parents to ensure the immunisation of their children against this serious disease can only be attributed to ignorance and indifference. Health education is regularly undertaken by officers of the Department to stress the necessity for immunisation.

BILHARZIA.

Bilharzia is not a notifiable disease. However, comprehensive surveys, have been and are still being carried out by the Department and other bodies, particularly in the endemic areas of the Northern Transvaal, Natal and the Eastern Cape, so that the incidence of this disease in these regions is fairly well known.

During the past three years, surveys were also undertaken outside the endemic areas to ascertain the incidence of bilharzia, as well as the presence of bilharzia-carrying snails. Surveys were undertaken, among others, along the Vaal, Hartz and Mooi Rivers in the Transvaal, as well as along the Orange River from Aliwal North to the Augrabies Falls, in view of the Orange River project. Furthermore, surveys were carried out along the Sundays and Fish Rivers in the Cape Province, which will later form part of the project.

'n Ernstige uitbreking van maagkoors by die Mondhlo-woonbuurt vir Bantoes in Natal het verder bygedra tot die groot aantal gevalle wat in 1964 voorgekom het. Ook in hierdie geval was besoedelde watervoorrade die bron van die besmetting.

Wat die ander drie bevolkingsgroepe betref, is dit opvallend dat die grootste persentasie gevalle in die stedelike gebiede voorgekom het waar higiëniese toestande oor die algemeen beter behoort te wees as op die platteland, maar in sommige gevalle nog veel te wense oorlaat.

Doeltreffende gesondheidsvoorligting vir die publiek en strenger toesig deur die verantwoordelike owerhede en gesondheidspersoneel kan 'n groot verbetering in die toestande wat maagkoors betref, bewerkstellig.

Waar ernstige uitbreking van maagkoors voorgekom het, is ondersoek ter plaatse deur mediese beamptes en gesondheidsinspekteurs van hierdie Departement uitgevoer. Al die moontlike kontakte is met maagkoors-entstof geïmmuniseer om verdere verspreiding te voorkom.

Ten einde ernstige uitbrekings van die siekte te voorkom, is die samewerking van ander Staatsdepartemente verkry met die doel om veilige watervoorrade beskikbaar te stel en die algemene omgewingshigiëne op te knap.

WITSEERKEEL.

Onderstaande tabel toon die totale aantal gevalle van witseerkeel wat gedurende die jare 1960-1964 aangegee is, ingedeel volgens rassegroepe:—

Ras.	1960.	1961.	1962.	1963.	1964.
Blankes.....	479	405	259	253	205
Bantoes.....	1,850	2,127	1,665	2,228	1,634
Kleurlinge.....	373	373	256	299	180
Asiate.....	68	63	51	50	37
TOTAAL....	2,770	2,968	2,231	2,830	2,056

Ofskoon daar 'n geringe afname in getalle in 1964 was, bly die toestand, wat die voorkoms van witseerkeel in die Republiek betref, uiters onbevredigend. In vergelyking met dié van ander beskaafde lande, bly die aantal aangiftes nog steeds onrusbarend hoog, ten spyte van die feit dat die entstof waarmee die kinders geïmmuniseer word, gratis deur die Departement van Gesondheid aan plaaslike owerhede en distriksgeneeshere verskaf word.

Die traagheid van so baie ouers om hul kinders teen die ernstige sekte te laat immuniseer, kan slegs aan onkunde of onverskilligheid toegeskryf word. Gesondheidsvoorligting word gereeld deur beamptes van die Departement onderneem om die noodsaaklikheid van immunisering te beklemtoon.

BILHARZIA.

Bilharzia is nie 'n siekte wat aangegee moet word nie. Daar is en word egter omvattende opnames deur die Departement en ander instansies uitgevoer, veral in die endemiese gebiede van Noord-Transvaal, Natal en Oos-Kaapland, sodat die voorkoms van die siekte in hierdie streke redelik goed bekend is.

Gedurende die afgelope jaar is daar opnames buite die endemiese gebiede onderneem en sowel die voorkoms van bilharzia as die teenwoordigheid van bilharzia-draende slakke te bepaal. Opnames is o.a. onderneem langs die Vaalrivier, die Hartzrivier en die Mooirivier in Transvaal, asook langs die Oranjerivier vanaf Aliwal-Noord tot by die Augrabieswaterval, met die oog op die Oranjerivierprojek. Verder is opnames gemaak langs die Sondags- en die Visrivier in Kaapland wat later ook 'n deel van die projek sal uitmaak.

These surveys were undertaken by the field staff of this Department in close co-operation with the Council for Scientific and Industrial Research and the South African Institute for Medical Research to obtain a picture of the bilharzia problem outside the endemic area.

In July, 1962, a standing National Bilharzia Committee was set up to serve as the central co-ordinating, advisory and planning committee for the effective combating of bilharzia in the Republic of South Africa. Five Government departments, the four Provincial Administrations and other organisations, such as the Council for Scientific and Industrial Research and the South African Institute for Medical Research, are represented on the Committee. The interest of the public in the bilharzia problem was stimulated by an intensive health education campaign conducted by the Department and by means of a bilharzia poster. The co-operation of the daily press and periodicals, which published articles on the danger of bilharzia, is laudable.

During 1964, a start was made with the application of molluscicides in the Vaal River basin, where bilharzia-carrying snails were discovered during the surveys, to prevent the disease from spreading to the catchment area of the Vaal River.

In the endemic area itself, molluscicides have been used for some time to eradicate the bilharzia-carrying snails, and other measures are being employed to prevent contact with infected water and to protect springs.

RABIES.

The number of cases of rabies in humans reported during the period 1960-1964 was as follows:—

- 1960 — 5.
- 1961 — 10.
- 1962 — 4.
- 1963 — 1.
- 1964 — 2.

The number of human contacts who received treatment and the number of rabid or suspected rabid animals traced are shown in the following table:—

	<i>Human Contacts.</i>	<i>Rabid Animals.</i>
1960.....	64	76
1961.....	318	286
1962.....	298	345
1963.....	163	209
1964.....	189	309

From the turn of the century until about the middle fifties, rabies was mainly confined to wild carnivorous animals, such as the mongoose (meerkat) and the civet cat, in the quadrilateral area which in the North lies between Ermelo and Carolina in the Eastern Transvaal and Vryburg in the Northern Cape, and in the South is bounded by a line between Carnarvon and Cradock.

The number of cases among animals in the Soutpansberg district in the Northern Transvaal, where the disease occurred among dogs and other wild animals, has increased since 1954.

Rabies also made its appearance in Natal in April, 1961, and this outbreak lasted until March, 1962. During this period, there were 278 human contacts with 216 rabid or suspected rabid animals. All these human contacts were treated, and only 8 contracted the disease and died. In Natal, too, chiefly dogs were infected with the disease. As a result of the measures instituted, particularly the immunisation of dogs, this outbreak was brought under control.

Hierdie opnames is deur die veldpersoneel van hierdie Departement onderneem in noue samewerking met die Wetenskaplike en Nywerheidsnavorsingsraad en die Suid-Afrikaanse Instituut vir Mediese Navorsing om 'n beeld van die bilharziaprobleem buite die endemiese gebied te verkry.

In Julie 1962 is 'n permanente Nasionale Bilharzia-komitee in die lewe geroep om as sentrale koördinerende, adviserende en beplanningskomitee te dien vir die doeltreffende bestryding van bilharzia in die Republiek van Suid-Afrika. Vyf Staatsdepartemente, die vier Provinsiale Administrasies en ander organisasies, soos die Wetenskaplike en Nywerheidsnavorsingsraad en die Suid-Afrikaanse Instituut vir Mediese Navorsing, het sitting in die komitee. Die belangstelling van die publiek in die bilharziaprobleem is aangewakker deur 'n intensiewe voorligtingsveltog deur die Departement en deur middel van 'n bilharziaplakkaat. Die medewerking van dagblaaie en tydskrifte wat artikels oor die gevaar van bilharzia geplaas het is prysenswaardig.

Gedurende 1964 is daar begin met die toediening van slakdodende middels in die Vaalrivierbekken waar bilharziadraende slakke tydens die opnames gevind is, om te voorkom dat die siekte na die opvanggebied van die Vaalrivier versprei.

In die endemiese gebied self word geruime tyd al gebruik gemaak van slakdodende middels om bilharziadraende slakke uit te roei, en word ander maatreëls toegepas om kontak met besmette water te voorkom en waterbronne te beveilig.

HONDSOLHEID.

Gedurende die periode 1960-1964 is die volgende gevalle van hondsolheid onder mense aangegee:—

- 1960 — 5.
- 1961 — 10.
- 1962 — 4.
- 1963 — 1.
- 1964 — 2.

Die aantal menslike kontakte wat behandeling ontvang het en die aantal hondsol of verdagte hondsol diere, wat opgespoor is, word in onderstaande tabel aangedui:—

	<i>Menslike kontakte.</i>	<i>Hondsol- heid by diere.</i>
1960.....	64	76
1961.....	318	286
1962.....	298	345
1963.....	163	209
1964.....	189	309

Sedert die wisseling van die eeu tot ongeveer die middel vyftiger jare was hondsolheid grotendeels beperk tot wilde vleisetende diere soos die meerkat en muskeljaatkat in die viersydige gebied wat tussen Ermelo en Carolina in Oos-Transvaal en Vryburg in Noord-Kaapland in die Noorde lê en in die Suide begrens word deur 'n lyn tussen Carnarvon en Cradock.

Sedert 1954 was daar 'n toename van gevalle onder diere in die Soutpansbergse distrik in Noord-Transvaal, waar die siekte onder honde en onder wilde diere voorgekom het.

Hondsolheid het in April 1961 ook sy verskyning in Natal gemaak, en hierdie uitbreking het tot Maart 1962 voortgeduur. Gedurende hierdie periode was daar 278 menslike kontakte met 216 hondsol of verdagte hondsol diere. Hierdie menslike kontakte het almal behandeling ontvang en slegs 8 het die siekte opgedoen en gesterf. Ook in Natal was dit hoofsaaklik honde wat deur die siekte besmet is. As gevolg van maatreëls wat ingestel is en veral die immunisering van honde is hierdie uitbreking onder beheer gebring.

The ultra-violet irradiated nerve-tissue vaccine manufactured by this Department is still used to treat persons who have already been exposed to the danger of rabies.

A new type of vaccine, which is grown on duck eggs, was brought into use during 1961 for the prophylactic immunisation of persons who are more exposed to the danger of rabies than others, such as veterinary surgeons and cattle inspectors. Two trial series have already been carried out in co-operation with the Veterinary Research Institute at Onderstepoort and the S.A. Institute for Medical Research to evaluate the efficacy of the vaccine.

Cases of rabies among dogs occurred in several districts within the original quadrilateral area during 1964, although previously the disease was only confined to wild carnivorous animals.

The whole problem of rabies is being tackled in co-operation with the Department of Agricultural Technical Services (Veterinary Field Services).

TUBERCULOSIS.

The fight against tuberculosis continued uninterrupted during the past 5 years. The extent of the problem is clearly reflected in the subjoined graph of the notifications per 100,000 of the population during the past 10 years. (*Graph: Tuberculosis—Notifications per 100,000 of the population attached hereto*).

The rise in the number of notifications per 100,000 of the population in the case of the Bantu during the years 1954-1958 is largely due to the fact that cases were traced more effectively. It will be observed that there has been a slight drop in the number of cases per 100,000 of the population traced annually in all four population groups since 1958. However, sight should not be lost of the fact that, with the annual increase of the population an ever greater burden is placed on the State with respect to tuberculosis.

The number of beds available for tuberculosis patients increased from 20,274 beds in 1960 to 24,332 at the end of 1964.

The following table shows the distribution of the beds for tuberculosis patients in the six regions and the various population groups:—

Region.	Whites.	Bantu.	Coloureds.	Asiatics.	Total.
Eastern Cape...	74	3,684	5	18	3,781
Western Cape...	118	2,601	2,593	—	5,312
Natal.....	167	5,047	76	245	5,535
Northern Transvaal.....	—	2,709	—	—	2,709
Southern Transvaal.....	50	5,408	—	—	5,458
O.F.S.....	38	1,487	12	—	1,537
TOTAL.....	447	20,936	2,686	263	24,332

The number of beds available for tuberculosis patients per 1,000 of the population is shown in the following table:—

NUMBER OF BEDS PER 1,000 OF THE POPULATION.

Province.	Whites.	Bantu.	Coloureds.	Asiatics.
Transvaal.....	0.03	1.5	—	—
Cape.....	0.02	1.9	1.7	1.0
Orange Free State	0.01	1.2	0.4	—
Natal.....	0.45	2.1	1.3	0.5

Die ultravioletbestraalde senuweefselvaksien wat hierdie Departement vervaardig, word steeds gebruik om persone te behandel nadat hulle reeds aan die gevaar van hondsdoelheid blootgestel is.

'n Nuwe tipe vaksien wat op eendeier gekweek word, is gedurende 1961 in gebruik geneem om persone wat in groter mate as ander blootgestel word aan die gevaar van hondsdoelheid, soos veeartse en veeinspekteurs, vooraf te immuniseer. Twee reekse proefnemings is reeds uitgevoer in samewerking met die Navorsingsinstituut vir Veeartsenykunde te Onderstepoort en die S.A. Instituut vir Mediese Navorsing om die doeltreffendheid van die vaksien te evalueer.

Gevalle van hondsdoelheid onder honde het gedurende 1964 in verskeie distrikte binne die oorspronklike viersydige gebied voorgekom, terwyl dit vroeër net beperk was tot wilde vleisetende diere.

Die hele vraagstuk van hondsdoelheid word in samewerking met die Departement van Landbou-tegniese Dienste (Veeartsenykundige Velddienste) aangepak.

TUBERKULOSE.

Die stryd teen tuberkulose is gedurende die afgelope 5 jaar onverpoosd voortgesit. Die omvang van die probleem word duidelik weerspieël in die onderstaande grafiese voorstelling van die aangiftes per 100,000 van die bevolking gedurende die afgelope 10 jaar. (*Grafiek: Tuberkulose.—Aangiftes per 100,000 van die bevolking hierby aangeheg*).

Die styging in die aantal aangiftes per 100,000 van die bevolking in die geval van Bantoes gedurende die jare 1954-1958 is grotendeels te wyte aan die feit dat gevalle doeltrefferder opgespoor is. Sedert 1958 is daar 'n geringe daling in die aantal gevalle per 100,000 van die bevolking wat jaarliks opgespoor word onder al vier bevolkingsgroepe te bespeur. Daar moet egter nie uit die oog verloor word nie dat met die jaarlikse vermeerdering van die bevolking, 'n steeds groter las op die Staat gelê word ten opsigte van tuberkulose.

Die aantal beddens wat vir tuberkulosepasiënte beskikbaar gestel is, het vanaf 1960, toe daar 20,274 beddens beskikbaar was, vermeerder tot 24,332 aan die einde van 1964.

Die volgende tabel toon die verdeling van die beddens vir tuberkulosepasiënte tussen die ses streke en die verskillende bevolkingsgroepe:—

Streek.	Blankes.	Bantoes.	Kleur-linge.	Asiate.	Totaal.
Oos-Kaapland..	74	3,684	5	18	3,781
Wes-Kaapland...	118	2,601	2,593	—	5,312
Natal.....	167	5,047	76	245	5,535
Noord-Transvaal....	—	2,709	—	—	2,709
Suid-Transvaal..	50	5,408	—	—	5,458
Oranje-Vrystaat.	38	1,487	12	—	1,537
TOTAAL....	447	20,936	2,686	263	24,332

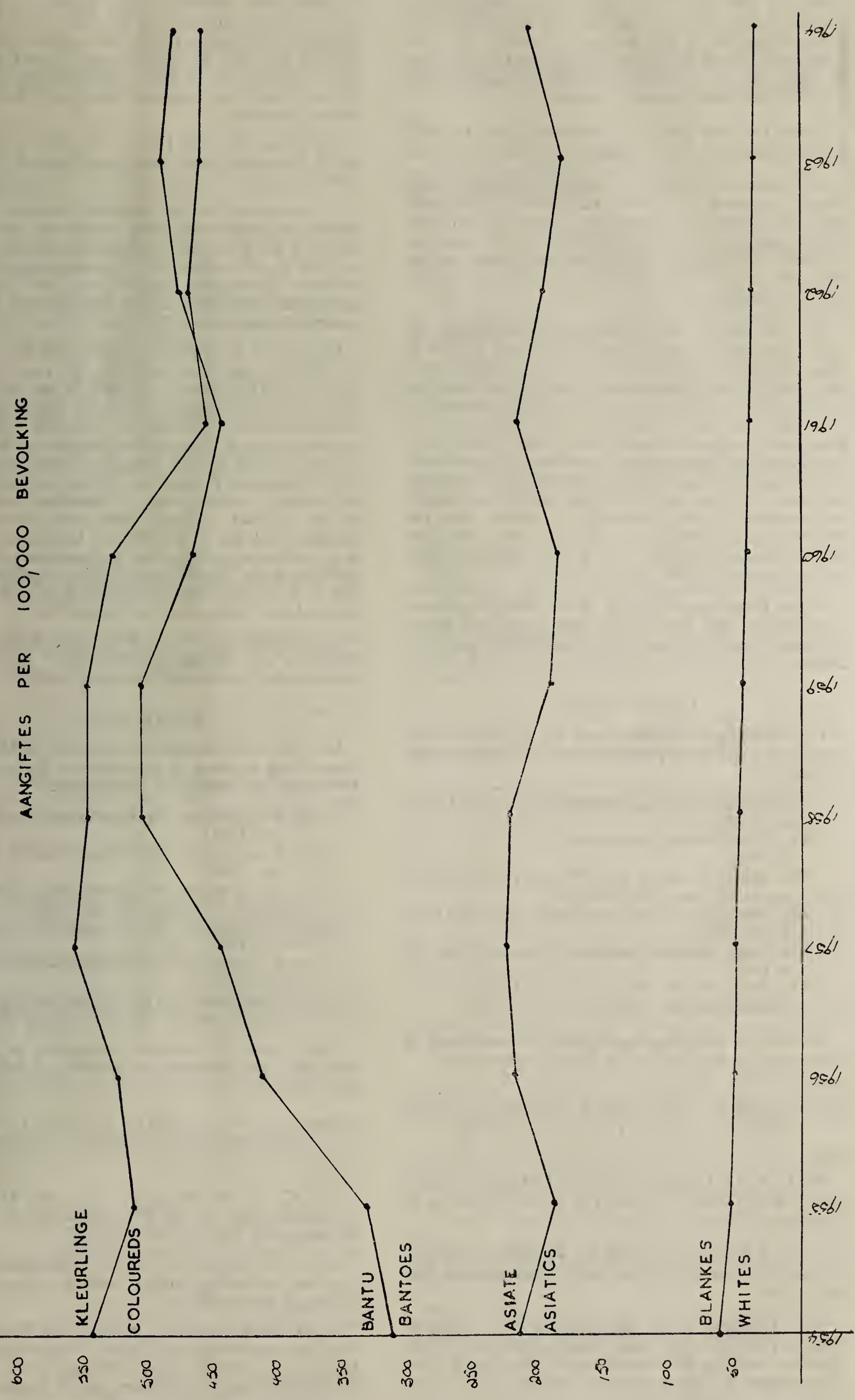
Die aantal beddens wat vir tuberkulosepasiënte per 1,000 van die bevolking beskikbaar is, word in die volgende tabel aangedui:—

AANTAL BEDDENS PER 1,000 VAN DIE BEVOLKING.

Provinsie.	Blankes.	Bantoes.	Kleurlinge.	Asiate.
Transvaal.....	0.03	1.5	—	—
Kaapland.....	0.02	1.9	1.7	1.0
Oranje-Vrystaat..	0.01	1.2	0.4	—
Natal.....	0.45	2.1	1.3	0.5

TUBERKULOSE—TUBERCULOSIS

NOTIFICATIONS PER 100,000 POPULATION
AANGIFTES PER 100,000 BEVOLKING



After a start was made with B.C.G. immunisation schemes during 1958, no less than 87 local authorities were making use of this preventive measure in 1961. More than 150,000 doses were administered in that year. In 1963, one of these local authorities administered 162,398 doses during a mass campaign.

During the year 1964, 543,396 doses of B.C.G. were made available to health authorities in the Republic.

An increasing number of local authorities have already acquired their own radiological equipment. While there were 311 radiological centres in 1961, the number had increased to 349 in 1964. In addition, the 19 mobile radiological units of the department carried out more than 200,000 examinations annually during the past 5 years.

The number of out-patientschemes established by local authorities increased from 253 in 1960 to 258 in 1964. In 1961, the out-patient service was considerably improved by the employment of additional qualified nurses by several urban and rural local authorities. Provision was also made for their transportation. Since that year, special attention has been given to the general control and regular attendance of rural out-patients at the clinics. The appointment of field staff to assist with this work brought about a welcome improvement in the co-operation between the patients and the clinics. At the same time, the out-patient services provided by district surgeons were considerably expanded.

In the Bantu homelands, it is the Bantu Headman in particular who ensures that the tuberculars under his control regularly attend the Department's treatment clinics.

LEGISLATION.

The following Bills introduced by the Minister of Health were passed by Parliament during the years 1960 to 1964:—

- The Mental Disorders Amendment Act, 1961 (No. 14 of 1961).
- The Public Health Amendment Act, 1961 (No. 33 of 1961).
- The Medical, Dental and Pharmacy Amendment Act, 1962 (No. 34 of 1962).
- The Mental Disorders Amendment Act, 1963 (No. 78 of 1963).
- The Public Health Amendment Act, 1963 (No. 79 of 1963).
- The Rand Water Board Statutes (Private) Act, Amendment Act, 1964 (No. 29 of 1964).

No new or amending legislation was introduced in Parliament by the Minister of Health during 1960.

ATTENDANCE AT INTERNATIONAL CONFERENCES AND OVERSEAS VISITS.

1960.

DR. C. A. M. MURRAY⁽¹⁾ and MR. C. MARR⁽²⁾: Thirteenth World Health Assembly in Geneva from 1st to 21st May, 1960.

DR. J. M. LATSKY⁽³⁾: C.C.T.A. Preliminary Meeting of Nutrition Experts in Brazzaville from 22nd to 28th July, 1960.

Fifth Congress of the International Association of Nutrition Services and Eighth Meeting of the C.C.T.A. Panel of Nutrition Correspondents in Washington from 23rd August to 12th September, 1960.

DR. R. TURNER⁽⁴⁾: Fifth International Poliomyelitis Conference in Copenhagen from 23rd July to 6th August, 1960.

Nadat daar gedurende 1958 'n aanvang gemaak is met B.C.G.-inëntingskemas, het daar in 1961 reeds 87 plaaslike owerhede van hierdie voorkomingsmaatreël gebruik gemaak. In daardie jaar is meer as 150,000 dosisse toegedien. In 1963 is daar gedurende 'n massaveldtog deur een plaaslike owerheid alleen 162,398 dosisse toegedien.

Gedurende die jaar 1964 is 534,396 dosisse B.C.G. in die Republiek aan gesondheidsowerhede beskikbaar gestel.

'n Toenemende aantal plaaslike owerhede het reeds hul eie radiologiese uitrusting aangeskaf. Waar daar in 1960 311 Radiologiste Sentra bestaan het, het die getal in 1964 na 349 opgeskuif. Daarbenewens het die 19 mobiele radiologiese eenhede van die Departement gedurende die afgelope 5 jaar jaarliks meer as 200,000 ondersoeke uitgevoer.

Die aantal buite-pasiënskemas wat deur plaaslike owerhede in die lewe geroep is, het van 253 in 1960 tot 258 in 1964 gestyg. In 1961 is die buite-pasiëntdiens aansienlik verbeter deur die indiensneming van bykomende gekwalifiseerde verpleegsters deur verskeie stedelike en landelike plaaslike owerhede. Voorsiening is ook vir hulle vervoer gemaak. Vanaf dieselfde jaar word besondere aandag aan die algemene beheer en en gereelde bywoning van die landelike buite-pasiënte by die klinieke geskenk. Deur die aanstelling van veldpersoneel om in dié verband behulpsaam te wees, is 'n verblydende verbetering in die samewerking tussen pasiënte en die klinieke bewerkstellig. Gelyktydig hiermee is die buite-pasiëntdienste wat deur distriksgeneeshere gelewer word, aansienlik uitgebrei.

In die Bantoetuislande is dit veral die Bantoehoofman wat sorg dat tuberkuloselyers onder sy beheer die Departement se behandelingkliniek bywoon.

WETGEWING.

Die volgende wetsontwerpe wat deur die Minister van Gesondheid ingedien is, is gedurende die jare 1960 tot 1964 deur die Parlement aangeneem:—

- Die Wysigingswet op Geestesgebreke, 1961 (No. 14 van 1961).
- Die Wysigingswet op Volksgesondheid, 1961 (No. 33 van 1961).
- Die Wysigingswet op Geneeshere, Tandartse en Aptekers, 1962 (No. 34 van 1962).
- Die Wysigingswet op Geestesgebreke, 1963 (No. 78 van 1963).
- Die Wysigingswet op Volksgesondheid, 1963 (No. 79 van 1963).
- Die Wysigingswet op die Private Wet op die Randwaterraadstatute, 1964 (No. 29 van 1964).

Geen nuwe of wysigende wetgewing is gedurende 1960 deur die Minister van Gesondheid by die parlement ingedien nie.

BYWONING VAN INTERNASIONALE BYEEN-EENKOMSTE EN OORSESE BESOEKE.

1960.

DR. C. A. M. MURRAY⁽¹⁾ en MNR. C. MARR⁽²⁾: Dertiende Sitting van die Wêreldgesondheidsvergadering te Genève van 1 tot 21 Mei 1960.

DR. J. M. LATSKY⁽³⁾: C.C.T.A. Voorlopige Vergadering van Deskundiges insake Voeding te Brazzaville van 22 tot 28 Julie 1960.

Vyfde Kongres van die Internasionale Vereniging van Voedingswetenskappe en Agste Vergadering van die C.C.T.A. se Paneel van Voedingskorrespondente te Washington van 23 Augustus tot 12 September 1960.

DR. R. TURNER⁽⁴⁾: Vyfde Internasionale Poliomiëlitiskonferensie te Kopenhagen van 23 Julie tot 6 Augustus 1960.

DR. B. A. DORMER⁽⁵⁾: Periodical Conference of the International Union against Tuberculosis in Paris from 1st to 12th September, 1960.

DR. B. M. CLARK⁽⁶⁾: World Health Organization's Committee on International Quarantine in Geneva from 15th to 21st October, 1960.

1961.

DR. P. C. EAGLE⁽⁷⁾ and DR. A. L. FERGUSON⁽⁸⁾ World Health Organization Conference on Malaria in Salisbury from 23rd to 27th January, 1961.

DR. C. A. M. MURRAY⁽¹⁾ and MR. MARR⁽²⁾: Fourteenth World Health Assembly in New Delhi from 7th to 26th February, 1961.

Eleventh Session of the Regional Committee for Africa of the World Health Organization in Brazzaville from 21st September to 5th October, 1961.

DR. J. M. LATSKY⁽³⁾: Fourth Inter-Africa Conference on Nutrition of the C.C.T.A. in Douala (Cameroon) from 29th August to 14th September, 1961.

DR. R. TURNER⁽⁴⁾: Meeting of the Expert Committee on Laboratory Services of the World Health Organization in Geneva from 14th to 22nd November, 1961.

1962.

DR. C. A. M. MURRAY⁽¹⁾ and MR. C. MARR⁽²⁾: Fifteenth World Health Assembly in Geneva from 6th to 26th May, 1962.

Twelfth Session of the Regional Committee for Africa of the World Health Organization in Geneva from 23rd September to 3rd October, 1962.

DR. D. H. S. DAVIS⁽⁹⁾: Visits to various museums in the U.S.A., England, Belgium, France and Kenya from 30th June to 5th September, 1962.

DR. B. A. DORMER⁽⁵⁾: Discussions in connection with Tuberculosis Control in Hamburg, Frankfurt and London from 22nd October to 17th December, 1962.

1963.

MR. N. E. GREENWOOD⁽¹⁰⁾: Visits to Switzerland, the Netherlands, Belgium and the United Kingdom from 27th April to 2nd June, 1963, to study the control of the manufacture of habit-forming drugs.

DR. C. A. M. MURRAY⁽¹⁾ and MR. I. J. MARAIS⁽¹¹⁾: Sixteenth World Health Assembly in Geneva from 6th to 24th May, 1963.

DR. J. M. LATSKY⁽³⁾: Seventh International Congress on Nutrition in Edinburgh from 6th to 18th August, 1963.

DR. H. H. EISELEN⁽¹²⁾: Seventh International Congress on Tropical Medicine and Malaria in Rio de Janeiro from 29th August to 11th September, 1963.

DR. W. A. SMIT⁽¹³⁾ and MR. C. MARR⁽²⁾: Thirteenth Session of the Regional Committee for Africa of the World Health Organization in Geneva from 22nd to 28th September, 1963.

DR. D. H. S. DAVIS⁽⁹⁾ and MR. C. G. COETZEE⁽¹⁴⁾: Symposium on Mammals of Africa in Salisbury from 25th to 29th September, 1963.

DR. W. A. SMITH⁽¹³⁾: Seminar on the Protection of the Public against Radiation Accidents in Geneva from 16th to 23rd November, 1963.

DR. B. A. DORMER⁽⁵⁾: Periodieke Byeenkoms van die Internasionale Unie teen Tuberkulose te Parys vanaf 1 tot 12 September 1960.

DR. B. M. CLARK⁽⁶⁾: Vergadering van die Wêreldgesondheidsorganisasie se Komitee insake Internasionale Kwarantyn te Genève van 15 tot 21 Oktober 1960.

1961.

DR. P. C. EAGLE⁽⁷⁾ en DR. A. L. FERGUSON⁽⁸⁾: Wêreldgesondheidsorganisasie se Konferensie oor Malaria te Salisbury van 23 tot 27 Januarie 1961.

DR. C. A. M. MURRAY⁽¹⁾ en MNR. C. MARR⁽²⁾: Veertiende Sitting van die Wêreldgesondheidsorganisasie te Nieu-Delhi vanaf 7 tot 26 Februarie 1961.

Elfde Sitting van de Streekskomitee vir Afrika van die Wêreldgesondheidsorganisasie te Brazzaville van 21 September tot 5 Oktober 1961.

DR. J. M. LATSKY⁽³⁾: Vierde Inter-Afrika-konferensie insake Voeding van die C.C.T.A. te Douala (Kameroen) van 29 Augustus tot 14 September 1961.

DR. R. TURNER⁽⁴⁾: Vergadering van die Komitee van Deskundiges insake Laboratoriumdienste van die Wêreldgesondheidsorganisasie te Genève vanaf 15 tot 22 November 1961.

1962.

DR. C. A. M. MURRAY⁽¹⁾ en MNR. C. MARR⁽²⁾: Vyftiende Sitting van die Wêreldgesondheidsvergadering te Genève van 6 tot 26 Mei 1962.

Twaalfde Sitting van die Streekskomitee vir Afrika van die Wêreldgesondheidsorganisasie te Genève van 23 September tot 3 Oktober 1962.

DR. D. H. S. DAVIS⁽⁹⁾: Besoeke aan verskillende museums in die V.S.A., Engeland, België, Frankryk en Kenia vanaf 30 Junie tot 5 September 1962.

DR. B. A. DORMER⁽⁵⁾: Samesprekings in verband met die Bestryding van Tuberkulose te Hamburg, Frankfurt en Londen van 22 Oktober tot 17 Desember 1962.

1963.

MNR. N. E. GREENWOOD⁽¹⁰⁾: Besoeke aan Switserland, Nederland, België en die Verenigde Koninkryk vanaf 27 April tot 2 Junie 1963 om ondersoek in te stel na die beheer oor die vervaardiging van gewoontevormende geneesmiddels.

DR. C. A. M. MURRAY⁽¹⁾ en MNR. I. J. MARAIS⁽¹¹⁾: Sestiende Sitting van die Wêreldgesondheidsvergadering te Genève van 6 Mei tot 24 Mei 1963.

DR. J. M. LATSKY⁽³⁾: Sewende Internasionale Kongres oor Voeding te Edinburg vanaf 6 tot 18 Augustus 1963.

DR. H. H. EISELEN⁽¹²⁾: Sewende Internasionale Kongres oor Tropiese Medisyne en Malaria te Rio de Janeiro vanaf 29 Augustus tot 11 September 1963.

DR. W. A. SMIT⁽¹³⁾ en MNR. C. MARR⁽²⁾: Dertiende Sittng van die Streekskomitee vir Afrika van die Wêreldgesondheidsorganisasie te Genève vanaf 22 tot 28 September 1963.

DR. D. H. S. DAVIS⁽⁹⁾ en MNR. C. G. COETZEE⁽¹⁴⁾: Simposium oor Soogdiere van Afrika te Salisbury vanaf 25 tot 29 September 1963.

DR. W. A. SMIT⁽¹³⁾: Seminaar oor die Beskerming van die Publiek teen Bestralingsongelukke te Genève vanaf 16 tot 23 November 1963.

1964.

DR. W. A. SMIT⁽¹³⁾ and MR. C. MARR⁽²⁾: Thirty-third Session of the Executive Committee of the World Health Organization in Geneva from 17th to 25th January, 1964.

DR. W. A. SMIT⁽¹³⁾ and DR. C. A. M. MURRAY⁽¹⁾: Seventeenth World Health Assembly in Geneva from 2nd to 21st March, 1964.

DR. D. H. S. DAVIS⁽⁹⁾: Annual General Meeting of the S.A. Museum Association in Salisbury from 7th to 11th April, 1964.

- (¹) DR. C. A. M. MURRAY: Regional Director, State Health Services, Johannesburg.
- (²) MR. C. MARR: Administrative Control Officer.
- (³) DR. J. M. LATSKY: Chief Nutrition Adviser.
- (⁴) DR. R. TURNER: Senior Government Pathologist and Adviser on Pathological Services.
- (⁵) DR. B. A. DORMER: Adviser and Medical Superintendent, Tuberculosis Services, Durban.
- (⁶) DR. B. M. CLARK: Secretary for Health and Chief State Health Officer.
- (⁷) DR. P. C. EAGLE: Regional Director, State Health Services, Pietersburg.
- (⁸) DR. A. L. FERGUSON: Regional Director, State Health Services, Durban.
- (⁹) DR. D. H. S. DAVIS: Ecologist and Chief Rodent Officer.
- (¹⁰) MR. N. E. GREENWOOD: Pharmacist, Grade I.
- (¹¹) MR. I. J. MARAIS: Principal Administrative Officer.
- (¹²) DR. H. H. EISELEN: Assistant Chief State Health Officer.
- (¹³) DR. W. A. SMIT: Assistant Chief State Health Officer.
- (¹⁴) MR. C. G. COETZEE: Professional Officer.

CENTRAL COUNCIL FOR MEDICAL SCHEMES.

During January, 1960, a Departemental Committee of Inquiry into Medical Aid, Benefit and Insurance Schemes, under the chairmanship of Dr. N. Reinach, was appointed with the following terms of reference:—

“To inquire into, consider and report on the combating of the high costs of medical services and medicine by means of:

- (i) Medical Aid and Benefit Schemes; and/or
- (ii) Insurance Schemes,

and the desirability of the State encouraging and safeguarding such schemes”.

One the recommendations of the Committee, which was also endorsed by the Commission of Inquiry into the High Costs of Medical Services and Medicine, was the establishment of a central statutory body for medical schemes. Consequently, the Central Council for Medical Schemes was established on 1st October, 1962, and the following members were appointed by the Honourable Minister of Health:—

Chairman.—

Dr. N. Reinach, Administrative Control Officer,
Department of Health.

Members.—

Mr. D. W. de Beer, Pharmacist.
Prof. C. L. de Jager, Dentist.
Prof. H. Grant-Whyte, Medical Practitioner.
Mr. O. Knox, Medical Benefit Funds.
Mr. K. C. W. Lambert, Medical Aid Societies.
Dr. A. W. Lategan, Director, S. A. Bureau of Standards.
Mrs. Z. Steyn, Welfare Organizations.
Dr. E. W. Turton, Medical Practitioner.
Mr. D. J. van Ryneveld, Insurance Companies.
Mr. J. J. Vermooten, Chartered Accountant.

1964.

DR. W. A. SMIT⁽¹³⁾ en MNR. C. MARR⁽²⁾: Drie-entertigste Sitting van die Uitvoerende Raad van die Wêreldgesondheidsorganisasie te Genève vanaf 17 tot 25 Januarie 1964.

DR. W. A. SMIT⁽¹³⁾ en DR. C. A. M. MURRAY⁽¹⁾: Sewentiende Sitting van die Wêreldgesondheidsvergadering te Genève vanaf 2 tot 21 Maart 1964.

DR. D. H. S. DAVIS⁽⁹⁾: Jaarlikse Algemene Vergadering van die S.A. Museumvereniging te Salisbury vanaf 7 tot 11 April 1964.

- (¹) DR. C. A. M. MURRAY: Streeksdirekteur, Staatsgesondheidsdienste, Johannesburg.
- (²) MNR. C. MARR: Administratiewe Beheerbeampte.
- (³) DR. J. M. LATSKY: Hoofvoedingsadviseur.
- (⁴) DR. R. TURNER: Senior Staatspatoloog en Adviseur oor Patologiese Dienste.
- (⁵) DR. B. A. DORMER: Adviseur en Mediese Superintendent, Tuberkulosedienste, Durban.
- (⁶) DR. B. M. CLARK: Sekretaris van Gesondheid en Hoofstaatsgesondheidsbeampte.
- (⁷) DR. P. C. EAGLE: Streeksdirekteur, Staatsgesondheidsdienste, Pietersburg.
- (⁸) DR. A. L. FERGUSON: Streeksdirekteur, Staatsgesondheidsdienste, Durban.
- (⁹) DR. D. H. S. DAVIS: Ekoloog en Hoofknaagdierbeampte.
- (¹⁰) MNR. N. E. GREENWOOD: Apteker, Graad I.
- (¹¹) MNR. I. J. MARAIS: Eerste Adiminstratiewe Beampte.
- (¹²) DR. H. H. EISELEN: Assistent-hoofstaatsgesondheidsbeampte.
- (¹³) DR. W. A. SMIT: Assistent-hoofstaatsgesondheidsbeampte.
- (¹⁴) MNR. C. G. COETZEE: Vakkundige Beampte.

SENTRALE RAAD VIR MEDIESE SKEMAS.

Gedurende Januarie 1960 is 'n Departementele Komitee van Onderzoek insake Mediese Hulp-, Bystand- en Assuransieskemas onder Voorsitterskap van dr. N. Reinach met die volgenude opdrag aangestel:—

„Om ondersoek in te stel na, oorweging te skenk aan en verslag te doen oor die bestryding van die hoë koste van mediese dienste en medisyne deur bemiddeling van—

- (i) Mediese Hulp- en Bystandskemas; en/of
- (ii) Assuaransieskemas,

en die wenslikheid daarvan dat die Staat sulke skemas aanmoedig en beveilig.”

Een van die aanbevelings van die Komitee, wat ook deur die Kommissie van Onderzoek insake die Hoë Koste van Mediese Dienste en Medisyne onderskryf is, is die instelling van 'n sentrale statutêre liggaam vir mediese skemas. Gevolglik is die Sentrale Raad vir Mediese Skemas op 1 Oktober 1962 ingestel en die volgende lede is deur Sy Edele die Minister van Gesondheid benoem:—

Voorsitter.

Dr. N. Reinach, Administratiewe Beheerbeampte,
Departement van Gesondheid.

Lede.

Mnr. D. W. de Beer, Apteker.
Prof. C. L. de Jager, Tandheelkundige.
Prof. H. Grant-Whyte, Medikus.
Mnr. O. Knox, Mediese Bystandsfondse.
Mnr. K. C. W. Lambert, Mediese Hulpverenigings.
Dr. A. W. Lategan, Direkteur, S.A. Büro vir Standaarde.
Mev. Z. Steyn, Welsynsorganisasies.
Dr. E. W. Turton, Medikus.
Mnr. D. J. van Ryneveld, Versekeringsmaatskappye.
Mnr. J. J. Vermooten, Geöktrooieerde Rekenmeester.

The functions of the Central Council for Medical Schemes are mainly—

- (i) To act in an advisory capacity, whereby greater uniformity can be attained in respect of the basic benefits offered by the various medical schemes;
- (ii) to serve as a liaison between medical schemes and the medical profession as a whole in connection with matters of common interest, with particular reference to the interests of the public;
- (iii) to assist in the establishment of new schemes, whereby the rest of the White population can be provided effectively with medical cover.

Through the medium of the press, radio, professional journals and interviews, the public has been made more aware of the need for medical cover. Within the short space of two years, the Central Council for Medical schemes succeeded in obtaining the closest co-operation of all existing medical schemes, and, apart from the increase in the membership of existing schemes, 23 new schemes came into being, while several smaller schemes dissolved and amalgamated with others to ensure stability by a greater spreading of risks. At present, there are 252 independent schemes which offer medical cover. Membership already stands at 1,596,521 White persons, which is an increase of 341,663 on the 1961 figure. In addition, about 101,000 White persons enjoy free medical services as a condition of employment, while 175,444 non-Whites are covered medically by 31 of the 252 independent schemes.

HEALTH EDUCATION.

Although education in regard to the promotion of the health of the population of South Africa and the prevention of disease has been given by the Department for many years, it has been intensified since 1960 as a result of the alarming increase in poliomyelitis cases.

As such a comprehensive and country-wide campaign had never been undertaken before, it was of paramount importance to prepare the entire population, White and non-White, for the immunisation campaign against the disease and to supply the necessary information.

There was such wholehearted co-operation on the part of all the authorities and organizations, including Government departments and private individuals, that the results exceeded all expectations.

As a follow-up to this success, the Department of Health convened a conference on health education during 1962. Practically all Government departments, Provincial Administrations and other interested bodies were represented. The conference unanimously decided that the Department should henceforth assume leadership in this field and should co-ordinate, plan (where necessary) and evaluate health education activities.

Progress has also since been made with the dissemination of information on the prevention of infectious diseases and the promotion of health in general. For this purpose, free use was made of the press and radio, especially Radio Bantu. Articles are continually being published in various periodicals for Whites. Furthermore, pamphlets, posters, films, etc., are used to publicise health matters. Bilharzia and smallpox posters have met with approval and are still being distributed. A film on tuberculosis of the lungs and kwashiorkor has been completed and a start has already been made with the production of other films.

In co-operation with the Departments of Bantu Education and Bantu Administration and Development, arrangements have been made for the training of Bantu Health Inspectors and Health Educators to work among the Bantu for the protection and promotion of their health. These training courses will be offered during 1965.

Die funksies van die Sentrale Raad vir Mediese Skemas is hoofsaaklik—

- (i) om adviserend op te tree en daardeur groter eenvormigheid te bewerkstellig ten opsigte van die basiese voordele wat die verskillende mediese skemas aan lede bied;
- (ii) om as skakel te dien tussen die mediese skemas en die mediese beroep as geheel in verband met sake van gemeenskaplike belang veral met betrekking tot die belange van die publiek;
- (iii) om behulpsaam te wees met die instelling van nuwe skemas waardeur die res van die Blanke bevolking doeltreffend in mediese dekking betrek kan word.

Deur middel van die pers, radio, professionele tydskrifte en onderhoude het die publiek meer bewus geword van die noodsaaklikheid van mediese dekking. In die kort bestek van twee jaar het die Sentrale Raad vir Mediese Skemas daarin geslaag om die nouste samewerking van alle bestaande mediese skemas te verkry en afgesien van die toename in ledetalle van bestaande skemas, het 23 nuwe skemas tot stand gekom terwyl etlike kleiner skemas ontbind het en met ander geamalgameer het om stabiliteit deur groter verspreiding van risiko's te verseker. Daar is tans 252 onafhanklike skemas wat mediese dekking aanbied en 1,596,521 Blanke persone is reeds daarby betrek. Dit is 341,663 meer as in 1961. Daarbenewens geniet ongeveer 101,000 Blanke persone gratis mediese dienste as 'n diensvoorwaarde terwyl 175,444 nie-Blanke persone mediese dekking by 31 van die 252 onafhanklike skemas geniet.

GESONDHEIDSVOORLIGTING.

Hoewel voorligting ten opsigte van die bevordering van die gesondheid van die bevolking van Suid-Afrika en die voorkoming van siektetoestande reeds vir baie jare deur die Departement verstrek is, het dit vanaf 1960 'n meer intensiewe vorm aangeneem as gevolg van die onrusbarende toename van poliomiëlitise gevalle.

Aangesien so 'n omvattende en landswye veldtog nog nooit voorheen onderneem was nie, was dit van die allergrootste belang om die hele bevolking, Blank en nie-Blank, vir die immuniseringsveldtog teen die siekte voor te berei en die nodige inligting te verstrek.

Die samewerking van alle instansies, van Staatsdepartemente tot private individue, was so skitterend dat die resultate bo verwagting goed was.

In opvolging van hierdie sukses het die Departement van Gesondheid gedurende 1962 'n konferensie oor gesondheidsvoorligting belê. Feitlik alle Staatsdepartemente, Provinsiale Administrasies en ander betrokke instansies was verteenwoordig. Op die konferensie is eenparig besluit dat die Departement van Gesondheid voortaan die leiding op hierdie gebied op hom moet neem en gesondheidsvoorligtingsaktiwiteite sal koördineer, beplan (waar nodig) en evalueer.

Vordering is ook sedertdien gemaak met die verspreiding van inligting oor hoe aansteeklike siektes voorkom kan word en hoe die gesondheid in die algemeen bevorder kan word. Vir die doel is vrylik van die pers en radio, veral Radio Bantoe, gebruik gemaak. Artikels word voortdurend in verskeie tydskrifte vir Blankes gepubliseer. Verder word ook van pamflette, plakkate, films, ens., gebruik gemaak om gesondheidsaangeleenthede bekend te stel. Plakkate oor bilharzia en pokkies het baie byval gevind en word nog steeds versprei. 'n Film oor tuberkulose van die longe en kwashiorkor is reeds vervaardig en met die vervaardiging van ander is reeds begin.

In samewerking met die Departement van Bantoe-onderwys en van Bantoe-administrasie en -ontwikkeling is reëlins getref vir die opleiding van Bantoesondheidsinspekteurs en -gesondheidsvoorligters om onder die Bantoe te werk en hul gesondheid te beskerm en te bevorder. Hierdie opleidingskursusse sal reeds gedurende 1965 aangebied word.

NUTRITION.

The Department has always regarded nutrition as an important facet of public health. Since the disestablishment of the Department of Nutrition on 30th June, 1959, a Division of Nutrition is again functioning in the Department of Health to furnish general technical advice on the feeding of the nation. This Division co-operates with all existing general nutrition and nutrition research services, with the object of assisting nutrition services for which the State is responsible to determine their nutrition policy from time to time.

In 1961, the Department introduced a national scheme for combating malnutrition in young children (6 months to 5 years old) of all races by making subsidised skim milk powder available to all local authorities. At present, 102 local authorities participate in the scheme. On 9th September, 1962, kwashiorkor was declared a notifiable disease (see Table No. 11). As far as is known, South Africa is the only country so far which has taken this step.

MEDICAL ECOLOGY CENTRE.

This Centre is engaged in the investigation and control of animal reservoir diseases communicable to man and its activities are concentrated on field and laboratory studies of the natural transmission cycles of such "field" diseases as plague, the typhus group, arthropod-borne virus diseases and bilharzia.

The Centre took part in investigating the outbreaks of plague which occurred during the period 1960-1964. Many hundreds of specimens of rodents and fleas were collected annually during this period, but only two strains of *P. pestis* were isolated from the carcass of a Karoo rat and its nest fleas from the Fraserburg district in July, 1964.

Following an outbreak of plague in the Uitenhage District in 1959-1960, an experimental plague eradication project was initiated with the object of eradicating the Namagua gerbil and its specific flea in the endemic area. By the end of 1964 only a few gerbils were left in the north-eastern sector of the district and it remains to be seen whether plague will persist or not.

Officers from the Centre carried out a survey of the Northern area of South-West Africa after plague had broken out in Ovamboland in 1962.

Over 1,000 specimens from the Cape Province, Orange Free State and South-West Africa were collected for serological tests to detect the persistence of *P. pestis* antibodies amongst rodents since the introduction of this test in 1962. It is a much more sensitive means of detecting plague activity than relying on the routine examination of rodent tissues and fleas.

The Centre has also been working on bilharzia for a number of years and collections of fresh-water snails have been made in many parts of the Republic to determine the exact geographical distribution of the intermediate snail host in the waters of the Vaal-Orange System.

A total of 12 publications by officers from this Centre include the first volume of a Monograph on Plague in Southern Africa. This deals with the various species of fleas with special reference to the plague vectors found on small mammals in Southern Africa.

B. M. CLARK,
Secretary for Health.

VOEDING.

Die departement het nog altyd voeding gesien as 'n belangrike faset van die volksgesondheid. Sedert die verdwyning van die Departement van Voeding op 30 Junie 1959 funksioneer 'n afdeling Voeding weer in die Departement van Gesondheid om algemene tegniese advies op die gebied van die volksvoeding te verstrek. Hierdie afdeling werk met alle bestaande algemene voedings- asook voedingnavorsingsdienste saam ten einde voedingsdienste waarvoor die Staat verantwoordelik is behulpsaam te wees met die vasstelling, van tyd tot tyd, van hul voedingsbeleid.

In 1961 het die Departement 'n nasionale skema vir die bestryding van wanvoeding onder jong kinders (6 maande tot 5 jaar oud) van alle rasse ingestel deur gesubsideerde afgeroomde melkpoeier aan alle plaaslike owerhede beskikbaar te stel. Tans neem 102 plaaslike owerhede aan die skema deel. Op 9 September 1962 is kwashiorkor ook tot 'n aangeebare siekte verklaar (sien Tabel No. 11). Sover bekend is Suid-Afrika die enigste land wat tot dusver hierdie stap gedoen het.

MEDIIESE EKOLOGIESENTRUM.

Hierdie Sentrum is belas met die ondersoek na en beheer oor sekere siektes van diere wat na die mens oorgedra kan word. Die werksaamhede van die Sentrum is toegespits op veld- en laboratoriumstudies van die natuurlike transmissiesiklusse van „veldsiektes” soos pes, die tifusgroep, virussiektes deur artropode oorgedra en bilharzia.

Die personeel van die Sentrum het deelgeneem aan die ondersoek na pesuitbrekings wat gedurende die periode 1960 tot 1964 voorgekom het. Hoewel honderde monsters van knaagdiere en vlooië jaarliks gedurende hierdie periode versamel is, is net twee stamme van die pesbasil gedurende Julie 1964 van die karkas van 'n Karoorot en die vlooië uit sy nes in die distrik Fraserburg geïsoleer.

Na die uitbreking van pes in die distrik Uitenhage in 1959-1960 is 'n eksperimentele pesuitwissingsprojek onderneem met die doel om die Namakwa-springhaasmuis en sy spesifieke vlooi in die endemiese gebied te vernietig. Teen die einde van 1964 het daar slegs 'n klein aantal springhaasmuise in die noordoostelike sektor van die distrik oorgebly en die toekoms sal leer of pes in die gebied sal bly voortbestaan.

Beamptes van die Sentrum het 'n opname van die noordelike gebied van Suidwes-Afrika uitgevoer nadat pes gedurende 1962 in Ovamboland uitbreek het.

Sedert die ingebruikneming van die serologiese toets in 1962 is meer as 1,000 monsters in Kaapland, die Oranje-Vrystaat en Suidwes-Afrika versamel ten einde die voorkoms van antiliggame teen die pesbasil onder knaagdiere te bepaal. Hierdie toets is 'n sensitiewer metode om pesaktiwiteit op te spoor as die roetine-ondersoek van knaagdierweefsels en vlooië.

Die Sentrum het ook vir 'n aantal jare reeds te doen met bilharzia en soetwaterslakke is uit baie dele van die Republiek versamel met die doel om die presiese geografiese verspreiding van die tussengasheerslak in die opvanggebied van die Vaal- en die Oranjerivier te bepaal.

Die twaalf publikasies deur beamptes van die Sentrum gedurende die tydperk 1960 tot 1964 sluit die eerste volume van 'n Monografie oor Pes in Suidelike Afrika in. Die monografie handel oor die verskillende vlooispesies, met spesiale verwysing na die vektore van pes wat op die kleiner soogdiere in Suidelike Afrika voorkom.

B. M. CLARK,
Sekretaris van Gesondheid.

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TABLE 1.—UNION OF SOUTH AFRICA: SUMMARY OF VITAL STATISTICS || TABEL 1.—UNIE VAN SUID-AFRIKA: OPSOMMING VAN LEWENSTATIS-
OF WHITE POPULATION, 1926-1964. TIEKE VAN BLANKE BEVOLKING, 1926-1964.

Calendar Year. Kalender- jaar.	White Population (estimated). Blanke bevolking (geraam).	Birth Rate per 1,000 of Population. Geboortesyfer per 1,000 van bevolking.	Death Rate, Actual or Crude, per 1,000 of Population. Sterftesyfer, werklike of onverwerkte, per 1,000 van bevolking.	Death Rate per 100,000 of Population. Sterftesyfer per 100,000 van bevolking.			Percentage of Total Deaths, the Cause of which was Medically Certified. Persentasie van totale sterfgevälle waarvan die oorsaak medies gesertifiseer is.	Infantile Mortality Rate (Deaths of Infants under 1 year per 1,000 Live Births Registered). Babasterftesyfer (sterfgevälle onder babas van minder as een jaar, per 1,000 lewende geboortes geregistreer).	Maternal Mortality Rate (Deaths of Mothers in connection with Pregnancy or Childbirth per 1,000 Live Births Registered). Moedersterfte- syfer (sterfgevälle onder moeders in verband met swangerskap of kindergeboorte per 1,000 lewende geboortes geregistreer).	Survival Rate or Rate of Natural Increase (Excess of Births over Deaths per 1,000 of Population). Oorlewingsyfer of natuurlike aanwassyfer (getal geboortes meer as sterf- gevälle per 1,000 van bevolking).
				Diseases of Heart and Circulatory System. Siektes van hart en bloedsomloop- stelsel.	Pneumonia and Bronchitis. Pneumonie en brongitis.	Cancer. Kanker.				
1926.....	1,676,660†	26.16	9.59	127.21	113.44	71.18	87.76	64.82	4.56	16.57
1927.....	1,708,955	25.95	9.73	122.76	110.42	73.20	89.93	70.62	4.80	16.22
1928.....	1,738,937	25.77	10.15	133.53	127.52	77.72	89.93	70.49	4.98	15.62
1929.....	1,767,719	26.15	9.51	127.11	104.04	77.44	90.19	64.22	5.26	16.64
1930.....	1,797,900	26.44	9.69	132.33	112.87	82.62	91.15	66.84	5.26	16.75
1931.....	1,829,300	25.38	9.37	131.53	103.75	85.55	90.46	63.07	4.70	16.01
1932.....	1,859,400	24.17	9.97	137.52	113.75	89.06	90.84	68.57	5.31	14.20
1933.....	1,890,300	23.55	9.35	142.52	100.30	95.33	91.45	61.01	4.81	14.20
1934.....	1,914,700	23.44	9.68	156.21	94.53	92.39	91.91	60.79	5.99	13.76
1935.....	1,973,700	24.18	10.45	169.58	131.98	95.76	92.55	62.81	4.73	13.72
1936.....	2,003,334	24.21	9.57	154.38	106.19	97.28	92.88	59.06	5.10	14.64
1937.....	2,043,700	24.90	10.08	172.97	113.62	106.57	93.17	56.57	4.38	14.81
1938.....	2,081,400	25.01	9.48	153.55	102.53	103.44	94.20	51.69	3.69	15.53
1939.....	2,116,500	25.29	9.40	170.42	90.05	104.75	94.32	49.48	3.61	15.88
1940.....	2,152,700	25.29	9.42	190.18	89.93	102.80	94.75	50.02	3.37	15.87
1941.....	2,188,200	24.94	9.47	197.61	86.14	109.40	94.95	47.52	2.49	15.47
1942.....	2,230,000	25.18	9.35	199.69	81.97	109.33	94.83	45.60	2.83	15.83
1943.....	2,265,000	25.94	9.53	211.92	92.23	109.98	95.25	42.53	2.85	16.41
1944.....	2,300,000	26.63	9.33	214.83	84.78	111.96	95.03	40.33	2.20	17.30
1945.....	2,335,000	25.48	9.32	236.10	85.65	112.59	95.59	35.90	2.10	16.16
1946.....	2,372,690†	26.92	8.65	211.64	78.15	107.52	96.02	34.39	1.77	18.27
1947.....	2,434,000	27.23	8.63	219.06	77.04	107.80	96.87	36.00	1.37	18.60
1948.....	2,505,000	26.54	8.90	241.90	83.80	112.70	97.20	36.63	1.50	17.60
1949.....	2,567,000	25.91	8.38	207.01	77.52	115.31	97.51	35.74	1.13	17.08
1950.....	2,610,000	25.09	8.70	202.41	72.45	118.35	97.50	33.52	0.95	16.39
1951.....	2,641,689†	25.07	8.82	223.63	70.60	116.07	97.90	32.76	1.12	16.25
1952.....	2,696,000	25.29	8.24	257.21	59.03	115.99	98.14	32.67	0.98	17.05
1953.....	2,752,000	25.09	8.56	268.39	59.92	119.11	98.23	33.34	1.20	16.53
1954.....	2,803,000	24.59	8.60	273.92	63.72	131.39	98.45	29.81	0.74	15.99
1955.....	2,856,000	24.62	8.06	262.68	50.07	124.54	98.50	31.42	0.73	16.57
1956.....	2,907,000	24.24	8.59	275.92	59.03	130.72	98.49	29.15	0.54	15.65
1957.....	2,957,000	24.79	8.54	273.05	61.65	133.48	98.87	28.86	0.48	16.25
1958.....	3,011,000	25.27	8.56	271.01	64.50	136.86	98.81	28.77	0.59	16.71
1959.....	3,067,000	24.79	8.70	279.43	66.42	136.65	98.64	28.09	0.43	16.08
1960.....	3,081,000	24.76	8.69	274.16	62.87	133.63	98.98	28.09	0.58	16.07
1961.....	3,130,000	24.19	8.63	276.26	60.73	136.10	99.07	28.09	0.61	15.56
1962.....	3,182,000	24.06	†	†	†	†	†	†	†	†
1963.....	3,250,000	23.25	†	†	†	†	†	†	†	†
1964*.....	†	†	†	†	†	†	†	†	†	†

* Medically certified deaths only. Rates for subsequent years calculated on the total deaths registered.—Slegs medies gesertifiseerde sterfgevälle. Syfers vir latere jare bereken volgens die totale getal sterfgevälle geregistreer.
† Actual (per census).—Werklik (volgens sensus). † Not available.—Nie beskikbaar nie.

TABLE 2.—BIRTHS REGISTERED BY PROVINCE AND SEX, 1960-64.

The compulsory registration of births of Bantus was extended to the rural areas on the 1st July, 1962, but it will be several years before registration can be regarded as complete. The following table shows the number of births of Whites, Asiatics and Coloureds registered during the past five years, according to provinces and sex, and also indicates the birth rate per thousand of the population.

TABEL 2.—GEBORTES GEREGISTREER VOLGENS PROVINSIE EN GESLAG, 1960-64.

Verpligte registrasie van Bantoegebortes is uitgebrei tot die plattelandse gebiede vanaf 1 Julie 1952, maar dit sal nog verskeie jare duur voordat registrasie as volledig beskou kan word. Die volgende tabel gee die getal geboortes van Blankes, Asiate en Kleurlinge wat gedurende die afgelope vyf jaar geregistreer is, ingedeel volgens provinsie en geslag, en dui ook die geboortesifer per duisend van die bevolking aan.

Year. Jaar.	Cape Province. Kaapprovinsie.		Natal.		Transvaal.		Orange Free State. Oranje- Vrystaat.		Union. Unie.			Birth Rate per 1,000 of the Population. Geboortes- syfer per 1,000 van die bevolking.
	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Total. Totaal.	

WHITES.—BLANKES.

1960.....	11,602	11,136	3,807	3,558	19,924	19,059	3,706	3,508	39,039	37,361	76,300	24·8
1961.....	11,752	10,957	3,716	3,472	19,847	18,820	3,657	3,504	38,972	36,753	75,725	24·2
1962.....	11,349	10,882	3,920	3,610	20,090	19,434	3,760	2,536	39,119	37,462	76,581	24·1
1963.....	10,930	10,405	3,772	3,508	20,428	19,475	3,575	3,476	38,705	36,864	75,569	23·3
1964*.....	—	—	—	—	—	—	—	—	—	—	—	—

ASIATICS.—ASIALE.

1960.....	321	322	—	—	948	967	—	—	—	—	16,827	35·4
1961.....	333	285	6,081	6,005	927	917	—	—	7,341	7,207	14,548	29·9
1962.....	275	271	6,201	6,177	1,045	949	—	—	7,521	7,397	14,918	30·0
1963.....	310	270	6,455	6,490	958	934	—	—	7,723	7,694	15,417	30·3
1964*.....	—	—	—	—	—	—	—	—	—	—	—	—

COLOURED.—KLEURLINGE.

1960.....	32,356	31,947	805	815	1,743	1,656	335	366	35,239	34,784	70,023	46·6
1961.....	32,819	32,778	829	821	1,767	1,717	359	366	35,774	35,682	71,456	46·2
1962.....	34,180	34,126	817	816	1,854	1,774	421	368	37,272	37,084	74,356	46·5
1963.....	34,538	34,193	900	863	2,002	1,894	402	379	37,842	37,329	75,171	45·6
1964*.....	—	—	—	—	—	—	—	—	—	—	—	—

* Not available.—Nie beskikbaar nie.

TABLE 3.—DEATHS REGISTERED BY PROVINCE AND SEX, 1960-64.

In the same way as the registration of births of Bantus, was made compulsory in rural areas, so the compulsory registration of Bantu deaths was extended to these areas as from the 1st July, 1952, but for various reasons reliable figures are not yet available. The following is a table indicating registered deaths of Whites, Asiatics and Coloureds in the different provinces, according to sex and showing also the death rate per thousand of the population.

TABEL 3. — STERFGEVALLE GEREГИSTREER VOLGENS PROVINSIE EN GESLAG, 1960-1964.

Net soos die registrasie van Bantoegeboortes in die platteland verpligtend gemaak is, so ook is die verpligte registrasie van Bantoesterfgevalle vanaf 1 Julie 1952 tot die platteland uitgebrei, maar om verskeie redes is betroubare gegewens nog nie beskikbaar nie. Die volgende is 'n tabel van geregistreeerde sterfgevalle van Blankes, Asiate en Kleurlinge in die onderskeie provinsies, volgens geslag, en met aanduiding van die sterftesyfer per duisend van die bevolking.

Year. Jaar.	Cape Province. Kaapprovinsie.		Natal.		Transvaal.		Orange Free State. Oranje- Vrystaat.		Union. Unie.			Death Rate per 1,000 of the Population. Sterfte- syfer per 1,000 van die bevolking.
	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Male. Manlik.	Female. Vroulik.	Total. Totaal.	

WHITES.—BLANKES.

1960.....	5,314	4,191	1,864	1,370	6,893	4,893	1,318	946	15,389	11,400	26,789	8·7
1961.....	5,542	4,199	1,910	1,502	6,780	4,878	1,354	943	15,486	11,522	27,008	8·6
1962*.....	—	—	—	—	—	—	—	—	—	—	—	—
1963*.....	—	—	—	—	—	—	—	—	—	—	—	—
1964*.....	—	—	—	—	—	—	—	—	—	—	—	—

ASIATICS.—ASIA TE.

1960.....	113	52	1,696	1,312	249	184	—	—	2,058	1,548	3,606	7·6
1961.....	106	50	1,743	1,299	257	138	—	—	2,106	1,487	3,593	7·3
1962*.....	—	—	—	—	—	—	—	—	—	—	—	—
1963*.....	—	—	—	—	—	—	—	—	—	—	—	—
1964*.....	—	—	—	—	—	—	—	—	—	—	—	—

COLOURED S.—KLEURLINGE.

1960.....	11,282	9,738	226	201	794	660	256	217	12,558	10,816	23,374	15·6
1961.....	11,478	10,015	261	206	865	640	246	221	12,850	11,082	23,932	16·5
1962*.....	—	—	—	—	—	—	—	—	—	—	—	—
1963*.....	—	—	—	—	—	—	—	—	—	—	—	—
1964*.....	—	—	—	—	—	—	—	—	—	—	—	—

* Not available.—Nie beskikbaar nie.

TABLE 4.—BIRTHS, DEATHS UNDER ONE YEAR AND INFANTILE MORTALITY || TABLE 4.—GEBOORTES, STERFGEVALLE ONDER EEN JAAR EN BABASTERF-
RATE, 1960-64. TESYFER, 1960-64.

Year. Jaar.	Cape Province. Kaapprovinsie.			Natal.			Transvaal.			Orange Free State. Oranje-Vrystaat.			Union. Unie.		
	Births. Geboortes.	Deaths. Sterf- gevalle.	Death- rate per 1,000 Births. Sterfte- syfer per 1,000 geboortes.	Births. Geboortes.	Deaths. Sterf- gevalle.	Death- rate per 1,000 Births. Sterfte- syfer per 1,000 geboortes.	Births. Geboortes.	Deaths. Sterf- gevalle.	Death- rate per 1,000 Births. Sterfte- syfer per 1,000 geboortes.	Births. Geboortes.	Deaths. Sterf- gevalle.	Death- rate per 1,000 Births. Sterfte- syfer per 1,000 geboortes.	Births. Geboortes.	Deaths. Sterf- gevalle.	Death- rate per 1,000 Births. Sterfte- syfer per 1,000 geboortes.

WHITES.—BLANKES.

1960.....	22,738	679	29·86	7,365	179	24·30	38,983	1,187	30·45	7,214	210	29·11	76,300	2,265	29·55
1961.....	22,709	610	26·86	7,188	166	23·09	38,667	1,124	29·07	7,161	227	31·70	75,725	2,127	28·09
1962.....	22,231	*	*	7,530	*	*	39,524	*	*	7,296	*	*	76,581	*	*
1963.....	21,335	*	*	7,280	*	*	39,903	*	*	7,051	*	*	75,569	*	*
1964.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

ASIATICS.—ASIATE.

1960.....	643	26	40·44	14,269	713	49·97	1,915	102	53·26	—	—	—	16,827	841	49·98
1961.....	618	30	48·54	17,516†	732	41·79	1,844	89	48·26	—	—	—	19,978†	851	42·60
1962.....	546	*	*	12,378	*	*	1,994	*	*	*	*	*	14,918	*	*
1963.....	580	*	*	12,945	*	*	1,892	*	*	*	*	*	15,417	*	*
1964.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

COLOURED.—KLEURLINGE.

1960.....	64,303	8,322	129·42	1,620	108	66·67	3,399	417	122·68	701	156	222·54	70,023	9,003	128·57
1961.....	65,597	8,522	129·91	1,650	117	70·91	3,484	376	107·92	725	160	220·69	71,456	9,175	128·40
1962.....	68,306	*	*	1,633	*	*	3,628	*	*	789	*	*	74,356	*	*
1963.....	68,731	*	*	1,763	*	*	3,896	*	*	781	*	*	75,171	*	*
1964.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* Not available.—Nie beskikbaar nie.

† Preliminary.—Voorlopig.

TABLE 5.—CAUSES OF DEATH (ABBREVIATED INTERNATIONAL LIST), 1ST JANUARY, 1960, TO 31ST DECEMBER, 1964.

TABEL 5.—OORSAKE VAN DOOD (VERKORTE INTERNASIONALE LYS), 1 JANUARIE 1960 TOT 31 DESEMBER 1964.

Cause of Death.—Oorsake van dood.		1960.			1961.									1962.									1963.									1964.									
		Whites.—Blankes.			Whites.—Blankes.			Asiatics.—Asiatc.			Coloureds and mixed. Kleurlinge en gemeng.			Whites.—Blankes.			Asiatics.—Asiate.			Coloureds and mixed. Kleurlinge en gemeng.			Whites.—Blankes.			Asiatics.—Asiate.			Coloureds and mixed. Kleurlinge en gemeng.			Whites.—Blankes.			Asiatics.—Asiate.			Coloureds and mixed. Kleurlinge en gemeng.			
		Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			Certified and Uncertified. Gesertifiseer en Ongesertifiseer.			
		M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	M. M.	F. V.	T. T.	
B 1. Tuberculosis of respiratory system—Tuberkulose van die asemhalingstelsel.....	001-008	150	39	189	29	25	54	734	504	1,238	142	40	182	51	27	78	797	456	1,253	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
B 2. Tuberculosis, other forms—Tuberkulose, ander vorms.....	010-019	17	13	30	16	12	28	160	134	294	15	11	26	11	12	23	108	116	224	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
B 3. Syphilis and its sequelae—Sifilis en die gevolge daarvan.....	020-029	43	11	54	4	1	5	71	39	110	10	4	14	3	1	4	70	45	115	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 4. Typhoid fever—Tifoedkoors.....	040	3	—	3	1	2	3	8	8	16	2	3	5	1	—	1	9	7	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 5. Cholera—Cholera.....	043	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 6. Dysentery, all forms—Disenterie, alle vorms.....	045-048	6	7	13	12	9	21	34	19	53	16	7	23	12	4	16	38	20	58	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 7. Scarlet fever and streptococcal sore throat—Skarlakenkoors en streptokokkeseerkeel.....	050, 051	1	—	1	—	—	—	—	—	—	—	1	1	—	—	—	1	—	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 8. Diphtheria—Witseerkeel.....	055	25	26	51	5	8	13	42	74	116	21	18	39	4	3	7	44	43	87	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 9. Whooping cough—Kinkhoes.....	056	4	4	8	3	5	8	60	78	138	2	5	7	2	—	2	118	167	285	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 10. Meningococcal infections—Meningokokkebesmettings.....	057	4	6	10	1	1	2	13	10	23	8	12	20	1	1	2	6	8	14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 11. Plague—Pes.....	058	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 12. Acute Poliomyelitis—Akute poliomiëlitis.....	080	21	14	35	1	1	2	7	9	16	4	3	7	—	—	—	2	2	4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 13. Smallpox—Pokkies.....	084	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 14. Measles—Masels.....	085	13	16	29	20	21	41	124	157	281	5	9	14	13	17	30	141	153	294	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 15. Typhus and other rickettsial diseases (Rickettsioses)—Vlektifus en vlektifusagtige siektes (Rickettsioses).....	100-108	1	1	2	—	—	—	—	—	—	1	—	1	—	—	—	8	1	9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 16. Malaria—Malaria.....	110-117	2	1	3	—	—	—	—	—	—	3	2	5	—	—	—	—	—	—	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 17. All other diseases classified as infective and parasitic—Alle ander siektes as aansteeklik en parasities geklassifiseer.....	030-039	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	041-042	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	044-049	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	052-054	66	59	125	21	17	38	162	138	100	63	60	123	19	21	40	177	154	331	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	059-074	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	081-083	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B 18. Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues—Kwaadaardige gewasse met inbegrip van gewasse van limf- en bloedvormende weefsels.....	120-138	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
B 19. Benign and unspecified neoplasms—Goedaardige en ongespesifiseerde gewasse.....	140-205	2,270	1,847	4,117	86	77	163	631	460	1,091	2,270	1,990	4,260	102	78	180	654	563	1,217	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
B 20. Diabetes mellitus—Diabetes mellitus (suikersiekte).....	210-239	41	40	81	2	1	3	13	10	23	24	30	54	1	1	2	7	5	12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 21. Anaemias—Anemieë.....	260	117	209	326	35	31	66	28	63	91	108	235	343	21	34	55	29	56	85	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 22. Vascular lesions affecting central nervous system—Bloedvatletsels wat die sentrale senuweestelsel aantast.....	290-293	18	36	54	8	7	15	13	18	31	30	28	58	6	11	17	14	19	33	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 23. Non-meningococcal meningitis—Nie-meningokokkemeningitis.....	330-334	1,245	1,628	2,873	154	131	285	486	762	1,248	1,279	1,595	2,874	175	184	359	543	769	1,312	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 24. Rheumatic fever—Rumatiekkooors.....	340	40	25	65	15	9	24	85	48	133	20	23	43	10	6	16	87	64	151	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 25. Chronic rheumatic heart disease—Chroniese rumatiekheartkwaal.....	400-402	10	3	13	4	5	9	13	18	31	5	7	12	3	5	8	14	15	29	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 26. Arteriosclerotic and degenerative heart disease—Arteriosklerotiese en onttaardingshartkwaal.....	410-416	54	94	148	18	25	43	78	101	179	82	100	182	17	28	45	101	110	211	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
B 27. Other diseases of the heart—Andere siektes van die hart.....	420-422	3,926	2,125	6,051	2877																																				

TABLE 6 (a).—DEATHS FROM ALL CAUSES IN AGE GROUPS, WHITES, 1960-64.

TABEL 6 (a).—STERFGEVALLE WEENS ALLĒ OORSAKE IN OUDERDOMSGROEPE, BLANKES, 1960-64.

27—28

Year. Jaar.	Sex.—Geslag.	Under One Day. Onder een dag.	Days.—Dae.				Total Under One Month. Totaal onder een maand.	Months.—Maande.				Total Under One Year. Totaal onder een jaar.	1	2	3	4	Total 0-4. Totaal 0-4.	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95-	100 Years and over. 100 jaar en ouer.	Unspec- ified. Onge- spesi- fiseer.	Total All Ages. Totaal alle ouder- domme.
			1-6.	7-13.	14-20.	21-30.		1-2.	3-5.	6-8.	9-11.																												
1960	Male—Manlik.....	291	416	76	38	47	868	137	145	82	58	1,290	120	52	41	40	1,543	97	94	195	607	242	298	363	515	762	1,132	1,164	1,406	1,653	1,719	1,559	1,280	720	273	50	16	1	15,389
	Female—Vroulik.....	231	288	59	31	24	633	106	126	63	37	965	106	45	39	20	1,175	87	63	93	81	97	144	201	291	470	608	680	834	1,108	1,328	1,450	1,346	880	354	88	21	1	11,400
	TOTAL—TOTAAL.....	522	704	135	69	71	1,501	243	271	145	95	2,255	226	97	80	60	2,718	184	157	228	388	339	442	564	806	1,232	1,740	1,844	2,240	2,716	3,047	3,009	2,626	1,600	627	138	37	2	26,789
1961	Male—Manlik.....	304	388	63	36	19	810	139	141	79	46	1,215	93	63	29	26	1,426	119	91	187	316	217	295	343	520	736	1,129	1,321	1,353	1,621	1,701	1,614	1,305	834	292	59	4	—	15,486
	Female—Vroulik.....	228	308	45	23	17	621	82	107	59	43	912	80	33	26	33	1,084	85	57	61	89	119	148	186	303	409	628	714	850	1,111	1,431	1,483	1,378	939	351	90	6	—	11,522
	TOTAL—TOTAAL.....	532	696	108	59	36	1,431	221	248	138	89	2,127	173	96	55	59	2,510	204	148	248	405	336	443	529	826	1,145	1,757	2,035	2,203	2,732	3,132	3,097	2,683	1,773	643	149	10	—	27,008
1962	Male—Manlik.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Female—Vroulik.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	TOTAL—TOTAAL.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1963	Male—Manlik.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Female—Vroulik.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	TOTAL—TOTAAL.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1964	Male—Manlik.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Female—Vroulik.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	TOTAL—TOTAAL.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* Not yet available.—Nog nie beskikbaar nie.

TABLE 6 (b).—COMPARATIVE DEATH FIGURES OF CERTAIN DISEASE GROUPS.
TABEL 6 (b).—VERGELYKENDE STERFTESYFERS VAN SEKERE GROEPE SIEKTES.

Year. Jaar.	Infectious and Communicable Diseases. Besmetlike en oordraagbare siektes. (B1-17, B23, B24, B30, B31).					Malignant Diseases. Kwaadaardige siektes. (B18).					Degenerative Diseases. Degeneratiewe siektes. (B22, B25, B26, B28, B29, B38).														
	Number.—Getal.		Rate.—Syfer.		Per Cent.—Persent.	Number.—Getal.		Rate.—Syfer.		Per Cent.—Persent.	Number.—Getal.		Rate.—Syfer.		Per Cent.—Persent.										
	T.	M.	F.—V.	T.		M.	F.—V.	T.	M.		F.—V.	T.	M.	F.—V.											
WHITES.—BLANKES.																									
1937-42.....	3,065	1,790	1,275	142	165	119	15.1	15.4	14.6	106	111	101	11.1	10.3	12.2	3,693	2,185	1,508	172	201	143	18.1	18.8	17.3	
1943-48.....	2,801	1,633	1,168	118	137	99	13.0	13.4	12.6	111	115	106	12.2	11.2	13.5	4,466	2,721	1,745	188	227	149	20.8	22.2	18.9	
1949.....	3,074	1,773	1,301	121	139	102	13.6	13.6	13.6	116	119	112	13.1	11.8	14.8	7,662	4,356	3,306	299	338	259	33.8	33.3	34.4	
1950.....	2,927	1,677	1,250	113	129	96	12.9	13.0	12.7	119	122	115	13.6	12.4	15.2	7,776	4,368	3,408	298	334	262	34.2	33.9	34.6	
1951.....	2,734	1,578	1,156	104	120	88	11.7	11.8	11.6	125	134	116	14.2	13.3	15.4	8,226	4,621	3,605	310	347	273	35.3	34.6	36.2	
1952.....	2,231	1,309	922	81	97	65	10.1	10.2	9.9	123	131	114	14.9	13.7	16.5	8,092	4,649	3,443	301	345	257	36.5	36.2	37.0	
1953.....	2,099	1,202	897	78	88	68	8.9	8.8	9.0	127	132	122	14.9	13.4	16.9	9,009	5,159	3,850	328	375	281	38.2	38.0	38.6	
1954.....	2,272	1,345	927	81	95	67	9.4	9.6	9.2	132	147	116	15.3	14.7	16.1	9,232	5,312	3,920	329	379	279	38.3	37.8	39.0	
1955.....	1,889	1,123	766	66	79	53	8.2	8.4	7.9	126	138	114	15.6	14.8	16.8	8,831	4,989	3,842	309	350	268	38.4	37.3	39.9	
1956.....	2,348	1,384	964	81	96	66	9.4	9.5	9.2	131	143	118	15.2	14.4	16.4	9,576	5,419	4,157	309	372	286	38.3	37.4	39.6	
1957.....	2,336	1,326	1,010	80	90	69	9.3	9.2	9.4	134	143	124	15.6	14.5	17.1	9,730	5,386	4,344	330	365	294	38.5	37.2	40.4	
1958.....	2,321	1,314	1,007	77	87	67	9.0	8.9	9.2	134	146	123	15.7	14.8	16.9	9,863	5,552	4,311	328	369	286	38.2	37.4	39.4	
1959.....	2,420	1,345	1,075	79	88	70	9.1	8.1	9.5	137	149	125	15.7	14.8	16.9	10,035	5,693	4,342	327	372	283	37.6	37.1	38.2	
1960.....	2,825	1,298	1,027	75	85	66	8.7	8.4	9.0	134	148	119	15.4	14.8	16.2	10,090	5,659	4,431	327	369	287	37.7	36.8	38.9	
1961.....	2,086	1,136	950	67	73	60	7.7	7.3	8.2	136	146	127	15.8	14.7	17.3	10,448	5,976	4,472	334	383	285	38.7	38.6	38.8	
1962.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1963.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1964.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ASIATICS.—ASIATE.																									
1951.....	1,070	516	554	294	274	314	30.1	26.6	34.2	36	36	37	3.7	3.5	4.0	731	443	288	197	232	162	20.5	22.8	17.8	
1952.....	996	516	480	264	265	262	28.5	25.7	32.3	50	50	32	4.5	4.9	4.0	720	451	269	189	232	146	20.6	22.4	18.1	
1953.....	869	465	404	226	235	216	24.3	22.4	26.8	42	42	38	4.3	4.0	4.8	775	470	305	199	236	162	21.6	22.7	20.2	
1954.....	806	422	384	202	205	198	23.1	21.4	25.2	32	32	42	4.2	3.4	5.4	849	509	340	211	247	175	24.3	25.9	22.3	
1955.....	848	463	385	209	222	195	23.2	21.9	25.0	47	47	36	4.7	4.6	4.7	881	541	340	213	258	168	24.1	25.5	22.1	
1956.....	852	455	397	202	212	192	24.2	22.5	26.5	39	39	35	4.5	4.2	4.8	849	517	332	201	240	161	24.1	25.5	22.1	
1957.....	1,023	542	481	237	245	228	26.6	24.7	29.0	37	37	36	4.1	3.7	4.6	926	568	358	214	258	169	24.0	25.9	21.6	
1958.....	883	483	400	200	215	185	24.5	23.3	26.2	30	30	24	3.3	3.3	3.4	897	543	354	203	241	164	24.9	26.2	23.2	
1959.....	886	473	413	197	207	187	23.7	22.4	25.4	40	46	34	4.8	5.0	4.7	914	558	356	203	244	161	24.4	26.4	21.9	
1960.....	822	440	382	173	183	163	22.8	21.4	24.7	34	36	33	4.5	4.2	5.0	924	562	362	194	233	154	25.6	27.3	23.4	
1961.....	808	440	368	165	177	152	22.5	20.9	24.7	37	41	32	5.0	4.8	5.2	992	567	425	202	229	176	27.6	26.9	28.6	
1962.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1963.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1964.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COLOURED.—KLEURLINGE.																									
1951.....	8,694	4,606	4,088	785	833	736	40.5	40.7	40.3	72	72	67	3.6	3.5	3.6	2,549	1,269	1,280	230	230	230	11.9	11.2	12.6	
1952.....	8,180	4,332	3,848	719	762	676	38.8	38.3	39.4	76	76	69	3.9	3.8	4.0	2,545	1,285	1,260	225	227	222	12.1	11.4	12.9	
1953.....	7,153	3,826	3,327	612	656	567	34.1	34.0	34.2	73	73	67	3.9	3.8	4.0	2,678	1,330	1,348	229	229	229	12.8	11.8	13.8	
1954.....	7,185	3,850	3,335	595	639	551	33.8	34.2	33.3	81	81	71	4.3	4.4	4.3	2,865	1,389	1,476	238	232	243	13.5	12.3	14.8	
1955.....	6,452	3,420	3,032	521	554	487	30.7	30.7	30.7	87	87	69	4.6	4.8	4.3	2,812	1,346	1,466	227	218	235	13.4	12.1	14.8	
1956.....	5,909	3,212	2,697	461	503	419	27.4	27.5	27.2	88	88	72	4.7	4.8	4.7	3,050	1,524	1,526	239	240	237	14.1	13.0	15.4	
1957.....	6,144	3,376	2,768	467	515	418	28.6	29.0	28.0	80	80	71	4.6	4.5	4.7	3,044	1,489	1,555	230	226	234	14.2	12.8	15.7	
1958.....	6,123	3,288	2,835	450	486	414	26.7	26.6	26.7	86	86	76	4.8	4.7	4.9	3,202	1,514	1,688	235	224	247	13.9	12.3	15.9	
1959.....	5,553	3,073	2,480	395	440	351	25.5	25.9	24.9	76	87	65	4.9	5.1	4.6	3,046	1,465	1,581	217	210	224	14.0	12.3	15.9	
1960.....	6,109	3,264	2,845	407	437	377	26.1	26.0	26.3	73	84	61	4.7	5.0	4.3	3,234	1,492	1,743	215	200	231	13.8	11.9	16.1	
1961.....	6,080	3,305	2,775	393	430	357	25.4	25.7	25.0	79	85	72	5.1	5.1	5.1	3,385	1,608	1,777	219	209	228	14.1	12.5	16.0	
1962.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1963.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1964.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* Not available.—Nie beskikbaar nie.

TABLE 7.—MATERNAL MORTALITY, 1960-64. || TABEL 7.—MOEDERSTERFTESYFERS, 1960-64.

Year. Jaar.	Live Births Registered. Lewende geboortes geregistreer.	Deaths due to Puerperal Causes. Sterfgevalle weens kraamoorsake.				
		Number. Getal.		Rates per 1,000 Live Births. Syfers per 1,000 lewende geboortes.		
		Puerperal Sepsis. Kraambedsepsis.	Other Puerperal Causes. Ander kraam- oorsake.	Puerperal Sepsis. Kraambedsepsis.	Other Puerperal Causes. Ander kraam- oorsake.	Total Puerperal Mortality. Totale getal kraambed- sterfgevalle.

WHITES.—BLANKES.

1960.....	76,300	5	39	0·07	0·51	0·58
1961.....	75,725	10	36	0·13	0·48	0·61
1962.....	*	*	*	*	*	*
1963.....	*	*	*	*	*	*
1964.....	*	*	*	*	*	*

ASIATICS.—ASIATE.

1960.....	16,827	6	27	0·36	1·60	1·96
1961.....	19,978†	3	20	0·15	1·00	1·15
1962.....	*	*	*	*	*	*
1963.....	*	*	*	*	*	*
1964.....	*	*	*	*	*	*

† Preliminary figure.—Voorlopige syfer.

COLOURED.—KLEURLINGE.

1960.....	70,023	25	112	0·36	1·60	1·96
1962.....	71,456	16	101	0·22	1·41	1·64
1962.....	*	*	*	*	*	*
1963.....	*	*	*	*	*	*
1964.....	*	*	*	*	*	*

* Not yet available.—Nog nie beskikbaar nie.
† Preliminary figure.—Voorlopige syfer.

TABLE 8.—BIRTH, DEATH AND NATURAL INCREASE RATES: WHITES IN THE REPUBLIC COMPARED WITH OTHER COUNTRIES — AVERAGE RATES FOR THREE-YEARLY PERIODS (BASED ON LATEST AVAILABLE INFORMATION).

TABEL 8.—GEBOORTE-, STERFTE- EN NATUURLIKE AANWASSYFERS: BLANKES IN DIE REPUBLIEK IN VERGELYKING MET DIÉ IN ANDER LANDE—GEMIDDELDE SYFERS VIR DRIEJARIGE TYDPERKE (GEBASEER OP JONGSTE BESKIKBARE GEGEWENS).

Countries. Lande.	Birth Rate per 1,000 of the Population. Geboortesifer per 1,000 van die bevolking.	Death Rate per 1,000 of the Population. Sterftesifer per 1,000 van die bevolking.	Excess of Births over Deaths per 1,000 of the Population. Meer geboortes as sterfgevälle per 1,000 van die bevolking.
England and Wales—Engeland en Wallis.....	16·1	11·5	4·6
Belgium—België.....	17·0	11·9	5·1
Sweden—Swede.....	14·6	9·9	4·7
Germany (Western)—Duitsland (Wes-).....	17·0	11·3	5·7
France—Frankryk.....	18·6	12·1	6·5
Switzerland—Switserland.....	17·7	10·0	7·7
Italy—Italië.....	18·2	10·0	8·2
Denmark—Denemarke.....	16·7	9·3	7·4
Norway—Noorweë.....	18·2	8·6	9·6
Portugal.....	23·7	11·4	12·3
Australia—Australië.....	22·9	8·8	14·1
Holland.....	21·2	7·5	13·7
United States of America—Verenigde State van Amerika.....	25·0	9·6	15·4
New Zealand (White Population)—Nieu-Seeland (Blanke bevolking).....	24·9	9·3	15·6
Republic of South Africa—Republiek van Suid-Afrika.....	25·6	8·8	16·8
Canada—Kanada.....	28·3	8·2	20·1

TABLE 9.—INFANTILE MORTALITY RATES PER 1,000 LIVE BIRTHS REGISTERED: WHITES IN THE REPUBLIC COMPARED WITH OTHER COUNTRIES — AVERAGE RATES FOR THREE-YEARLY PERIODS (BASED ON LATEST AVAILABLE INFORMATION).

TABEL 9. — BABASTERFTESYFERS PER 1,000 LEWENDE GEBOORTES GEREGISTREER: BLANKES IN DIE REPUBLIEK IN VERGELYKING MET DIÉ IN ANDER LANDE—GEMIDDELDE SYFERS VIR DRIEJARIGE TYDPERKE (GEBASEER OP JONGSTE BESKIKBARE GEGEWENS).

Holland.....	17·4
Sweden—Swede.....	17·2
New Zealand (White population)—Nieu-Seeland (Blanke bevolking).....	20·0
Norway—Noorweë.....	20·3
Australia—Australië.....	21·4
Switzerland—Switserland.....	23·1
England and Wales—Engeland en Wallis.....	23·4
Denmark—Denemarke.....	22·9
United States of America—Verenigde State van Amerika.....	26·3
Republic of South Africa—Republiek van Suid-Afrika.....	28·9
Canada—Kanada.....	30·9
Germany (Western)—Duitsland (Wes-).....	33·7
France—Frankryk.....	36·4
Belgium—België.....	35·0
Italy—Italië.....	49·8
Portugal.....	88·0

TABLE 10.—ESTIMATED POPULATION BY RACE AS AT THE 30TH JUNE, 1964. || TABEL 10.—GERAAMDE BEVOLKING VOLGENS RAS SOOS OP 30 JUNIE 1964.

Province. Provinsie.	Whites.—Blankes.			Bantu.—Bantoes.			Asiatics.—Asiate.			Coloureds.—Kleurlinge.		
	Male. Manlik.	Female. Vroulik.	Total. Totaal.	Male. Manlik.	Female. Vroulik.	Total. Totaal.	Male. Manlik.	Female. Vroulik.	Total. Totaal.	Male. Manlik.	Female. Vroulik.	Total. Totaal.
Cape—Kaap.....	534,000	549,000	1,083,000	1,508,000	1,776,000	3,284,000	11,000	9,000	20,000	745,000	758,000	1,503,000
Natal.....	181,000	186,000	367,000	1,147,000	1,251,000	2,398,000	216,000	215,000	431,000	25,000	26,000	51,000
Transvaal.....	796,000	790,000	1,586,000	2,704,000	2,347,000	5,051,000	35,000	34,000	69,000	60,000	62,000	122,000
Orange Free State—Oranje-Vrystaat.....	150,000	149,000	299,000	629,000	552,000	1,181,000	0	0	0	14,000	14,000	28,000
UNION—UNIE.....	1,661,000	1,674,000	3,335,000	5,988,000	5,926,000	11,914,000	262,000	258,000	520,000	844,000	860,000	1,704,000

TABLE 11.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED THE 31ST DECEMBER, 1960.

TABEL 11.—AANGEE VAN SIEKTES EN GEREJISTREERDE STERFGEVALLE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1960.

Province.—Provinsie.	Anthrax. Miltsekte.		Brucellosis. Brusellose.		Diphtheria. Witseerkeel.		Encephalitis, Infective. Besmetlike harsingontsteking.		Erysipelas. Belroos.		Insecticidal Poisoning. Insektgifvergiftiging.		Lead Poisoning. Loodvergiftiging.		Leprosy. Leprose.		Malaria. Malaria.		Meningococcal Meningitis. (Cerebro- spinal Fever.) Meningokokkale meningitis. (Serebrospinalekoors.)		Ophthalmia. Oogontsteking.		Plague. Pes.		Poliomyelitis, Acute. Akute Poliomiëlitis.		Puerperal Sepsis. Kraambedsepsis.		Rabies. Hondsdotheid.		Scarlatina. Skarlakenkoors.		Smallpox. Pokkies.		Trachoma. Trachoom.		Tuberculosis, Respiratory. Tuberkulose van die asemhalingsorgane.		Tuberculosis, Non-respiratory. Tuberkulose, nie van die asemhalingsorgane.		Typhoid Fever. Tifoedkoors.		Typhus Fever. Vlektifus.				
	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	†Deaths. †Sterf- gevalle.	Cases. Geva.le.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.							
I.—EUROPEANS.—BLANKES.																																															
Cape—Kaap.....	—	—	—	—	221	20	13	1	4	1	—	—	—	—	—	—	1	—	12	7	15	—	—	—	112	9	1	1	1	1	235	1	—	—	—	—	586	85	31	13	29	1	1	—			
Natal.....	—	—	—	—	62	4	53	—	1	—	—	—	—	—	—	10	1	7	2	10	—	—	—	42	3	18	1	—	—	206	—	—	—	1	—	160	22	5	2	26	1	—	—				
Transvaal.....	—	—	1	—	175	20	116	4	13	—	1	—	1	—	—	22	2	67	8	10	—	—	—	186	19	10	3	—	—	985	—	—	—	—	—	387	76	17	13	45	—	—	1				
Orange Free State—Oranje-Vrystaat.....	—	—	1	—	31	7	2	—	2	—	—	—	—	—	5	—	—	3	—	—	—	—	—	20	4	2	—	—	—	65	—	—	—	—	—	33	6	2	2	8	—	—	—				
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
TOTAL—TOTAAL.....	—	—	1	1	479	51	184	5	20	1	1	—	1	—	5*	—	34	3	89	11	25	—	—	—	360	35	31	5	1*	1	1,491	1	—	—	1	—	1,166	189	55	30	108	3	1	2			
BANTOES.†																																															
Cape—Kaap.....	10	—	3	—	394	—	4	—	3	—	16	—	—	—	—	—	1	—	19	—	62	—	—	—	187	—	72	—	†	—	3	—	13	—	—	—	17,698	—	406	—	235	—	65	—			
Natal.....	—	—	—	—	304	—	26	—	6	—	1	—	—	—	—	228	—	36	—	122	—	—	—	71	—	172	—	—	5	—	—	—	—	1	—	14,089	—	519	—	648	—	—	—				
Transvaal.....	2	—	13	—	891	—	24	—	2	—	23	—	3	—	—	78	—	288	—	60	—	—	—	180	—	105	—	—	8	—	38	—	61	—	14,706	—	581	—	911	—	—	—					
Orange Free State—Oranje-Vrystaat.....	4	—	†	—	261	—	8	—	—	—	—	—	—	—	—	31	—	127	—	6	—	—	—	54	—	4	—	—	—	—	12	—	27	—	2,137	—	88	—	206	—	—	—					
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	559*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
TOTAL—TOTAAL.....	16	—	16	—	1,850	—	62	—	13	—	40	—	3	—	559	—	338	—	470	—	250	—	—	—	492	—	353	—	†	—	20	—	63	—	89	—	48,630	—	1,594	—	2,000	—	71	—			
III.—ASIATICS.—ASIAIE.																																															
Cape—Kaap.....	—	—	—	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	7	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	167	—	9	2	1	—	—	—			
Natal.....	—	—	—	—	54	13	2	—	—	—	—	—	—	—	—	1	3	—	1	1	9	—	—	—	10	1	19	6	—	—	—	—	—	—	—	675	46	65	23	18	3	—	—				
Transvaal.....	—	—	—	—	5	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	72	7	8	3	1	—	—	—				
Orange Free State—Oranje-Vrystaat.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
TOTAL—TOTAAL.....	—	—	—	—	68	13	3	—	—	—	—	—	—	—	2	1	3	—	3	2	17	—	—	—	22	2	20	6	—	—	2	—	—	—	—	—	814	54	82	28	20	3	—	—	—	—	
IV.—COLOUREDS.—KLEURLINGE.																																															
Cape—Kaap.....	1	—	—	—	320	104	11	4	6	—	—	—	—	—	—	—	1	—	53	20	422	1	—	—	166	13	16	17	—	—	43	—	2	—	—	6,969	1,136	274	273	233	15	—	—				
Natal.....	—	—	—	—	13	3	—	—	1	—	—	—	—	—	—	—	—	—	1	1	1	—	—	—	2	—	5	2	—	—	1	—	—	—	179	24	10	4	13	—	—	—					
Transvaal.....	—	—	—	—	80	4	4	—	1	—	—	—	—	—	—	—	—	—	14	5	1	—	—	—	10	1	6	4	—	—	7	—	—	377	61	31	16	11	1	—	—	—	—				
Orange Free State—Oranje-Vrystaat.....	—	—	—	—	10	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	56	18	—	1	2	—	—	—	—	—			
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	1	—	—	—	373	116	15	4	8	—	—	—	—	—	8	—	1	—	68	23	424	1	—	—	180	16	27	25	—	—	51	—	2	—	—	7,581	1,238	315	294	259	16	—	—	—	—		
V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE).																																															
Cape—Kaap.....	11	—	3	—	944	124	28	5	13	1	16	—	—	—	—	2	—	84	21	506	1	—	—	467	22	89	18	1	1	281	1	15	—	—	25,420	1,222	720	288	498	16	66	—					
Natal.....	—	—	—	—	423	20	81	—	8	—	1	—	—	—	—	242	1	45	4	132	—	—	—	125	4	214	9	—	—	213	—	—	—	15,003	92	899	29	705	4	—	—						
Transvaal.....	2	—	14	1	1,101	24	145	4	16	—	24	—	—	—	—	100	2	371	10	72	—	—	—	386	21	122	7	—	—	1,001	—	38	—	61	—	15,542	144	637	32	968	2	—	—				
Orange Free State—Oranje-Vrystaat.....	4	—	—	—	302	12	10	—	4	—	—	—	—	—	—	32	—	130	—	6	—	—	—	76	6	6	2	—	—	69	—	12	—	2,226	24	90	3	216	—	—	—	—	—	—	—		
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	574	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL—TOTAAL.....	17	—	17	1	2,770	180	264	9	41	1	41	—	4	—	574	1	376	3	630	35	716	1	—	—	1,054	53	431	36	1	1	1,564	1	65	—	90	—	58,191	1,482	2,046	352	2,387	22	72	2			

TABLE 11.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED THE 31ST DECEMBER, 1961.

TABEL 11.—AANGEE VAN SIKTES EN GEREISTREERDE STERFGEVALLE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1961.

Province.—Provinsie.	Anthrax. Miltsekte.		Brucellosis. Brusellose.		Diphtheria. Witseerkeel.		Encephalitis, Infective. Besmetlike harsingontsteking.		Erysipelas. Belroos.		Insecticidal Poisoning. Insektgifvergiftig.		Lead Poisoning. Loodvergiftig.		Leprosy. Leprose.		Malaria. Malaria.		Meningococcal Meningitis. (Cerebro- spinal Fever.) Meningokokkale meningitis. (Serebrospinalekoors.)		Ophthalmia. Oogontsteking.		Plague. Pes.		Poliomyelitis, Acute. Akute Poliomiëlitis.		Puerperal Sepsis. Kraambedsepsis.		Rabies. Hondsdotheid.		Scarlatina. Skarlakenkoors.		Smallpox. Pokkies.		Trachoma. Trachoom.		Tuberculosis, Respiratory. Tuberkulose van die asemhalingsorgane.		Tuberculosis, Non-respiratory. Tuberkulose, nie van die asemhalingsorgane.		Typhoid Fever. Tifoïedkoors.		Typhus Fever. Vlektifus.			
	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	†Deaths. †Sterf- gevalle.	Cases. Geva.le.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.						
I.—EUROPEANS.—BLANKES.																																														
Cape—Kaap.....	—	—	—	—	165	—	8	—	3	—	—	—	—	—	—	—	19	—	11	—	8	—	—	—	32	—	2	—	—	—	—	—	207	—	—	—	—	—	—	—	—	—	—	—		
Natal.....	—	—	—	—	64	—	19	—	3	—	—	—	—	—	—	—	11	—	3	—	1	—	—	—	11	—	7	—	—	—	—	—	157	—	—	—	—	—	—	—	—	—	—	—		
Transvaal.....	—	—	5	—	154	—	66	—	10	—	3	—	—	—	—	—	23	—	91	—	23	—	—	—	47	—	14	—	—	—	—	644	—	—	—	—	—	—	—	—	—	—	—	—		
Orange Free State—Oranje-Vrystaat....	—	—	—	—	22	—	1†	—	—	—	—	—	—	—	—	—	1	—	9	—	—	—	—	—	9	—	—	—	—	—	—	34	—	—	—	—	—	—	—	—	—	—	—	—		
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
TOTAL—TOTAAL.....	—	—	5	—	405	—	94	—	16	—	3	—	—	—	6*	—	54	—	114	—	32	—	—	—	99	—	23	—	—	—	—	1,042	—	—	—	—	—	—	—	—	—	—	—	—		
BANTOES.†																																														
Cape—Kaap.....	2	—	—	—	377	—	2	—	4	—	—	—	—	—	—	—	33	—	29	—	83	—	1	—	81	—	77	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—		
Natal.....	—	—	—	—	407	—	14	—	7	—	—	—	—	—	—	—	95	—	51	—	80	—	—	—	65	—	176	—	9	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—		
Transvaal.....	2	—	9	—	887	—	17	—	3	—	9	—	2	—	—	—	67	—	384	—	64	—	—	—	59	—	42	—	—	—	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orange Free State—Oranje-Vrystaat....	—	—	—	—	456	—	1	—	1	—	—	—	—	—	—	—	42	—	166	—	5	—	—	—	19	—	4	—	—	—	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	4	—	9	—	2,127	—	34	—	15	—	9	—	2	—	541*	—	237	—	630	—	232	—	1	—	224	—	299	—	—	—	10	—	22	—	8	—	49	—	47,738	—	1,495	—	1,802	—	174	—
III.—ASIATICS.—ASIATE.																																														
Cape—Kaap.....	—	—	—	—	8	—	1	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—		
Natal.....	—	—	—	—	49	—	4	—	—	—	—	—	—	—	—	—	6	—	1	—	12	—	—	—	4	—	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Transvaal.....	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orange Free State—Oranje-Vrystaat....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	—	—	—	—	63	—	5	—	—	—	—	—	—	—	—	—	6	—	3	—	14	—	—	—	6	—	13	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—
IV.—COLOURED.—KLEURLINGE.																																														
Cape—Kaap.....	—	—	—	—	332	—	13	—	5	—	—	—	—	—	—	—	45	—	38	—	376	—	—	—	48	—	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Natal.....	—	—	—	—	11	—	3	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	4	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Transvaal.....	—	—	—	—	25	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orange Free State—Oranje-Vrystaat....	—	—	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	—	—	—	—	373	—	16	—	5	—	—	—	—	—	—	—	46	—	51	—	376	—	—	—	54	—	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE).																																														
Cape—Kaap.....	2	—	—	—	882	—	24	—	12	—	—	—	—	—	—	—	97	—	78	—	469	—	1	—	161	—	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Natal.....	—	—	—	—	531	—	37	—	10	—	—	—	—	—	—	—	112	—	56	—	93	—	—	—	84	—	198	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Transvaal.....	—	—	12	—	1,072	—	86	—	13	—	—	—	2	—	—	—	91	—	487	—	87	—	—	—	110	—	59	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orange Free State—Oranje-Vrystaat....	2	—	—	—	483	—	2	—	1	—	12	—	—	—	—	—	43	—	177	—	5	—	—	—	28	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	4	—	12	—	2,968	—	149	—	36	—	12	—	2	—	559*	—	343	—	798	—	654	—	1	—	383	—	355	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N.B.—The fact that in some instances more deaths have been notified than cases, is to be explained by the incompleteness of the returns regarding cases rendered to the Department.

L.W.—Die feit daar soms meer

TABLE 11.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED THE 31st DECEMBER, 1962.

TABEL 11.—AANGEE VAN SIEKTES EN GEREISTREERDE STERFGEVALLE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1962.

Province.—Provinsie.	Anthrax. Miltsekte.		Brucellosis. Brusellose.		Diphtheria. Witseerkeel.		Encephalitis, Infective. Besmetlike harsingontsteking.		Erysipelas. Belroos.		Insecticidal Poisoning. Insektegifvergiftig.		Lead Poisoning. Loodvergiftig.		Leprosy. Leprose.		Malaria. Malaria.		Meningococcal Meningitis. (Cerebro- spinal Fever.) Meningokokkale meningitis. (Serebrospinalekoors.)		Ophthalmia. Oogontsteking.		Plague. Pes.		Poliomyelitis, Acute. Akute Poliomiëllitis.		Puerperal Sepsis. Kraambdsepsis.		Rabies. Hondsdotheid.		Scarlatina. Skarlakenkoors.		Smallpox. Pokkies.		Trachoma. Trachoom.		Tuberculosis, Respiratory. Tuberkulose van die asemhalingsorgane.		Tuberculosis, Non-respiratory. Tuberkulose, nie van die asemhalingsorgane.		Typhoid Fever. Tifoedkoors.		Typhus Fever. Vlektifus.		Kwashiorkor. Kwasjorkor.			
	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.						
I.—EUROPEANS.—BLANKES.																																																
Cape—Kaap.....	—	†	—	†	79	†	7	†	5	†	—	†	—	†	—	†	—	†	6	—	12	—	—	—	2	—	2	—	—	—	166	—	—	—	—	—	537	—	6	—	11	—	2	—	1	—		
Natal.....	—	—	1	—	29	—	39	—	2	—	—	—	—	—	—	—	11	—	4	—	—	—	—	—	—	—	—	—	—	—	116	—	—	—	—	—	184	—	3	—	22	—	—	—				
Transvaal.....	1	—	2	—	140	—	105	—	10	—	2	—	3	—	—	—	15	—	67	—	11	—	—	—	5	—	4	—	1	—	512	—	5	—	—	—	458	—	24	—	63	—	1	—				
Orange Free State—Oranje-Vrystaat....	1	—	—	—	11	—	1	—	—	—	1	—	—	—	—	—	1	—	4	—	—	—	—	—	—	—	—	—	—	—	22	—	—	—	—	—	48	—	1	—	4	—	—	—				
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
TOTAL—TOTAAL.....	2	—	3	—	259	—	152	—	17	—	3	—	3	—	7*	—	27	—	81	—	23	—	—	—	7	—	6	—	2	—	816	—	5	—	—	—	1,227	—	34	—	100	—	3	—	2	—		
BANTOES.†																																																
Cape—Kaap.....	1	—	—	—	349	—	5	—	1	—	1	—	—	—	—	—	—	28	—	61	—	7	—	33	—	54	—	—	—	13	—	—	—	—	—	17,238	—	379	—	—	—	122	—	687	—			
Natal.....	—	—	1	—	407	—	16	—	1	—	—	—	—	—	—	—	134	—	86	—	—	—	8	—	143	—	—	—	2	—	1	—	—	—	13,978	—	477	—	—	—	—	—	1,016	—				
Transvaal.....	1	—	13	—	683	—	21	—	5	—	1	—	15	—	—	—	61	—	56	—	—	—	—	—	32	—	64	—	—	—	5	—	97	—	15	—	18,815	—	460	—	2	—	1,007	—				
Orange Free State—Oranje-Vrystaat....	9	—	—	—	226	—	8	—	3	—	—	—	—	—	—	—	24	—	1	—	—	—	—	—	2	—	3	—	—	—	1	—	—	—	2,390	—	64	—	91	—	—	—	62	—				
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	555*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
TOTAL—TOTAAL.....	11	—	14	—	1,665	—	50	—	10	—	2	—	15	—	555*	—	219	—	445	—	204	—	7	—	75	—	264	—	2	—	20	—	98	—	52,421	—	1,380	—	2,009	—	124	—	2,772	—				
III.—ASIATICS.—ASIAAT.																																																
Cape—Kaap.....	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	2	—	—	—	—	—	9	—	—	—	—	—	—	—	—	197	—	5	—	2	—	—	—	—	—			
Natal.....	—	—	—	—	46	—	1	—	—	—	—	—	—	—	—	—	1	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	598	—	41	—	21	—	—	—	1	—				
Transvaal.....	—	—	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	—	10	—	4	—	—	—	—	—				
Orange Free State—Oranje-Vrystaat....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
TOTAL—TOTAAL.....	—	—	—	—	51	—	2	—	—	—	—	—	—	—	4*	—	4	—	5	—	6	—	—	—	—	9	—	—	—	—	—	—	—	4	—	913	—	56	—	27	—	—	—	1	—			
IV.—COLOURED.—KLEURLINGE.																																																
Cape—Kaap.....	—	—	—	—	225	—	19	—	5	—	1	—	—	—	—	—	1	—	27	—	348	—	—	—	19	—	12	—	—	—	21	—	—	—	—	—	6,495	—	154	—	110	—	—	—	100	—		
Natal.....	—	—	—	—	14	—	3	—	—	—	1	—	—	—	—	—	1	—	1	—	5	—	—	—	—	—	1	—	—	—	1	—	—	—	—	101	—	25	—	9	—	—	—	26	—			
Transvaal.....	—	—	—	—	15	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Orange Free State—Oranje-Vrystaat....	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
TOTAL—TOTAAL.....	—	—	—	—	256	—	24	—	5	—	2	—	—	—	9*	—	2	—	44	—	353	—	—	—	19	—	14	—	—	—	24	—	—	—	—	—	7,239	—	180	—	120	—	—	—	—	—	127	—
V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE).																																																
Cape—Kaap.....	1	—	—	—	654	—	31	—	11	—	2	—	—	—	—	—	—	61	—	423	—	7	—	54	—	68	—	2	—	200	—	—	—	—	—	544	—	459	—	124	—	788	—					
Natal.....	—	—	—	—	496	—	59	—	3	—	—	—	—	—	—	—	149	—	29	—	90	—	—	—	8	—	153	—	—	—	14,941	—	—	—	521	—	551	—	—	—	—	—	1,017	—				
Transvaal.....	2	—	15	—	842	—	129	—	15	—	4	—	18	—	—	—	78	—	363	—	72	—	—	—	37	—	69	—	—	—	19,933	—	—	—	519	—	1,160	—	3	—	1,034	—						
Orange Free State—Oranje-Vrystaat....	10	—	—	—	239	—	9	—	3	—	1	—	—	—	—	—	25	—	122	—	1	—	—	—	2	—	3	—	—	—	2,459	—	—	—	66	—	95	—	—	—	—	—	63	—				
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	555*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
TOTAL—TOTAAL.....	13	—	17	—	2,231	—	228	—	32	—	7	—	18	—	555*	—	252	—	575	—	586	—	7	—	101	—	293	—	5	—	860	—	103	—	84	—	61,800	—	1,650	—	2,256	—	127	—	2,902	—		

TABLE 11.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED THE 31ST DECEMBER, 1963.

TABEL 11.—AANGEE VAN SIKTES EN GEREISTREEERDE STERFGEVALLE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1963.

Province.—Provinsie.	Anthrax. Miltsekte.		Brucellosis. Brusellose.		Diphtheria. Witseekeel.		Encephalitis, Infective. Besmetlike harsingontsteking.		Erysipelas. Belroos.		Insecticidal Poisoning. Insektegifvergiftiging.		Lead Poisoning. Loodvergiftiging.		Leprosy. Leprose.		Malaria. Malaria.		Meningococcal Meningitis. (Cerebro- spinal Fever.) Meningokokkale meningitis. (Serebrospinalekoors.)		Ophthalmia. Oogontsteking.		Plague. Pes.		Poliomyelitis, Acute. Akute Poliomiëlitis.		Puerperal Sepsis. Kraambedsepsis.		Rabies. Hondsdolheid.		Scarlatina. Skarlakenkoors.		Smallpox. Pokkies.		Trachoma. Trachoom.		Tuberculosis, Respiratory. Tuberkulose van die asemhalingsorgane.		Tuberculosis, Non-respiratory. Tuberkulose, nie van die asemhalingsorgane.		Typhoid Fever. Tifoedkoors.		Typhus Fever. Vlektifus.		Kwashiorkor. Kwasjorkor.		
	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	†Deaths. †Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.							
I.—EUROPEANS.—BLANKES.																																															
Cape—Kaap.....	—	—	—	—	71	—	10	—	5	—	—	—	—	—	—	—	—	—	9	—	45	—	—	—	8	—	1	—	—	—	91	—	—	—	—	—	488	—	16	—	21	—	1	—	2	—	
Natal.....	—	—	2	—	28	—	39	—	2	—	—	—	—	—	—	—	9	—	1	—	—	—	—	—	2	—	1	—	—	—	84	—	—	—	4	—	195	—	5	—	5	—	1	—			
Transvaal.....	—	—	14	—	145	—	97	—	10	—	—	—	—	—	—	—	29	—	63	—	4	—	—	—	10	—	4	—	—	—	472	—	3	—	—	—	459	—	26	—	49	—	—	—	3	—	
Orange Free State—Oranje-Vrystaat....	—	—	1	—	9	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	59	—	—	—	—	23	—	1	—	7	—	—	—	1	—		
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
TOTAL—TOTAAL.....	—	—	17	—	253	—	146	—	17	—	1	—	—	—	5*	—	38	—	82	—	50	—	—	—	21	—	6	—	—	—	706	—	3	—	—	4	—	1,165	—	48	—	82	—	1	—	7	—
BANTOES †																																															
Cape—Kaap.....	—	—	—	—	415	—	4	—	—	—	1	—	—	—	—	—	—	—	22	—	34	—	—	—	62	—	90	—	—	—	7	—	—	—	1	—	18,640	—	366	—	356	—	23	—	3,992	—	
Natal.....	—	—	—	—	493	—	16	—	1	—	—	—	—	—	—	—	8	—	37	—	77	—	—	—	135	—	207	—	—	—	2	—	35	—	85	—	15,115	—	459	—	828	—	—	—	5,405	—	
Transvaal.....	—	—	—	—	1,028	—	15	—	2	—	74	—	—	—	—	—	131	—	220	—	49	—	—	—	58	—	48	—	—	—	14	—	214	—	64	—	19,521	—	494	—	1,338	—	2	—	5,695	—	
Orange Free State—Oranje-Vrystaat....	1	—	—	—	292	—	9	—	1	—	—	—	—	—	—	—	15	—	63	—	4	—	—	—	12	—	4	—	—	—	6	—	—	17	—	2,779	—	27	—	80	—	—	—	385	—		
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	498*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	1	—	—	—	2,228	—	44	—	4	—	75	—	1	—	498*	—	154	—	342	—	164	—	—	—	267	—	349	—	—	—	29	—	250	—	167	—	56,055	—	1,346	—	2,602	—	25	—	15,477	—	
III.—ASIATICS.—ASIATE.																																															
Cape—Kaap.....	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	198	—	3	—	1	—	—	—	17	—	
Natal.....	—	—	—	—	40	—	7	—	—	—	—	—	—	—	—	—	2	—	1	—	5	—	—	—	10	—	5	—	—	—	1	—	—	—	—	609	—	43	—	64	—	—	—	29	—		
Transvaal.....	—	—	—	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	70	—	6	—	9	—	—	—	—	—		
Orange Free State—Oranje-Vrystaat....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	—	—	—	—	50	—	7	—	—	—	—	—	—	—	1*	—	2	—	1	—	6	—	—	—	11	—	5	—	—	—	3	—	—	—	2	—	877	—	52	—	74	—	—	—	46	—	
IV.—COLOURED.—KLEURLINGE.																																															
Cape—Kaap.....	—	—	—	—	245	—	11	—	8	—	—	—	—	—	—	—	—	—	33	—	213	—	—	—	39	—	9	—	—	—	24	—	—	—	—	—	191	—	133	—	6	—	—	—	539	—	
Natal.....	—	—	—	—	21	—	1	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—	1	—	1	—	—	—	1	—	—	—	—	4	—	—	—	—	—	—	—	27	—		
Transvaal.....	1	—	—	—	27	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	2	—	—	—	2	—	1	—	—	—	4	—	—	—	—	24	—	13	—	—	—	—	—	32	—		
Orange Free State—Oranje-Vrystaat....	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL—TOTAAL.....	1	—	—	—	299	—	12	—	8	—	—	—	—	—	11*	—	—	—	42	—	217	—	—	—	43	—	11	—	—	—	29	—	1	—	4	—	7,433	—	219	—	150	—	6	—	602	—	
V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE).																																															
Cape—Kaap.....	—	—	—	—	734	—	25	—	13	—	1	—	—	—	—	—	—	—	64	—	292	—	—	—	109	—	100	—	—	—	124	—	—	—	—	—	576	—	511	—	30	—	—	—	4,550	—	
Natal.....	—	—	2	—	582	—	63	—	3	—	—	—	—	—	—	—	19	—	49	—	85	—	—	—	148	—	214	—	—	—	88	—	35	—	93	—	511	—	901	—	—	—	5,462	—			
Transvaal.....	1	—	14	—	1,207	—	112	—	75	—	—	—	—	—	—	—	160	—	289	—	56	—	—	—	71	—	53	—	—	—	490	—	218	—	66	—	1,409	—	—	—	5,730	—					
Orange Free State—Oranje-Vrystaat....	—	—	1	—	307	—	9	—	—	—	—	—	—	—	—	—	15	—	65	—	4	—	—	—	14	—	—	—	—	—	65	—	1	—	17	—	28	—	87	—	—	—	390	—			
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	515*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	2	—	17	—	2,830	—	209	—	29	—	76	—	1	—	515*	—	194	—	467	—	437	—	—	—	342	—	371	—	—	—	767	—	254	—	177	—	65,530	—	1,665	—	2,908	—	32	—	16,132	—	

TABLE 11.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED THE 31st DECEMBER, 1964.

TABEL 11.—AANGEE VAN SIEKTES EN GEREGISTREERDE STERFGEVALLE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1964.

Province.—Provinsie.	Anthrax. Miltsekte.		Brucellosis. Brusellose.		Diphtheria. Witseerkeel.		Encephalitis, Infective. Besmetlike harsingontseking.		Erysipelas. Belroos.		Insecticidal Poisoning. Insektiegifvergiftiging.		Lead Poisoning. Loodvergiftiging.		Leprosy. Leprose.		Malaria. Malaria.		Meningococcal Meningitis. (Cerebro- spinal Fever.) Meningokokkale meningitis. (Serebrospinalekoors.)		Ophthalmia. Oogontseking.		Plague. Pes.		Poliomyelitis, Acute. Akute Poliomiëlitis.		Puerperal Sepsis. Kraambedsepsis.		Rabies. Hondsdotheid.		Scarlatina. Skarlakenkoors.		Smallpox. Pokkies.		Trachoma. Trachoom.		Tuberculosis, Respiratory. Tuberkulose van die asemhalingsorgane.		Tuberculosis, Non-respiratory. Tuberkulose, nie van die asemhalingsorgane.		Typhoid Fever. Tifoedkoors.		Typhus Fever. Vlektifus.		Kwashiorkor. Kwasjorkor.	
	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	†Deaths. †Sterf- gevalle.	Cases. Geva.le.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.						
I.—EUROPEANS.—BLANKES.																																														
Cape—Kaap.....	—	—	—	—	54	—	10	—	5	—	—	—	—	—	—	—	10	—	50	—	—	—	—	—	2	—	—	—	—	—	105	—	—	—	—	—	12	—	8	—	—	—				
Natal.....	—	—	—	—	23	—	15	—	—	—	—	—	—	—	—	7	—	—	—	—	—	—	—	2	—	—	—	—	—	85	—	—	—	—	2	—	—	3	—	—	—	—				
Transvaal.....	—	—	—	—	103	—	114	—	8	—	5	—	—	—	—	16	—	—	—	—	—	—	—	2	—	—	—	—	—	217	—	—	—	—	—	—	—	21	—	—	—	—				
Orange Free State—Oranje-Vrystaat....	—	—	—	—	25	—	1	—	—	—	—	—	—	—	—	—	64	—	14	—	—	—	—	2	—	—	—	—	—	349	—	—	—	2	—	—	—	45	—	—	—	—				
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6*	—	—	—	—	—	—	—	—	—	—	—	—	—	18	—	—	—	—	—	—	—	—	—	—	—	—	—			
TOTAL—TOTAAL.....	—	—	—	—	205	—	140	—	13	—	5	—	—	—	6*	—	23	—	86	—	64	—	—	—	2	—	6	—	1	—	557	—	3	—	2	—	1,124	—	39	—	74	—	1	—	1	—
BANTOES.†																																														
Cape—Kaap.....	1	—	—	—	257	—	7	—	4	—	—	—	—	—	—	1	—	31	—	61	—	1	—	21	—	103	—	—	—	10	—	43	—	1	—	17,577	—	297	—	236	—	19	—	3,099	—	
Natal.....	2	—	—	—	293	—	16	—	1	—	—	—	—	—	—	13	—	32	—	66	—	—	—	43	—	136	—	—	—	—	—	—	—	182	—	514	—	864	—	—	—	—	—			
Transvaal.....	5	—	2	—	697	—	24	—	3	—	106	—	21	—	—	81	—	223	—	105	—	—	—	12	—	89	—	—	7	—	54	—	191	—	46	—	20,675	—	505	—	1,816	—	—	—		
Orange Free State—Oranje-Vrystaat....	—	—	—	—	387	—	10	—	2	—	1	—	—	—	—	9	—	153	—	11	—	—	—	10	—	4	—	—	3	—	—	—	—	16	—	1,962	—	33	—	111	—	—	—	—		
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	501*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	8	—	2	—	1,634	—	57	—	10	—	108	—	21	—	501*	—	104	—	439	—	243	—	1	—	86	—	332	—	5	—	20	—	288	—	245	—	55,304	—	1,349	—	3,027	—	20	—	13,358	—
III.—ASIATICS.—ASIATE.																																														
Cape—Kaap.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Natal.....	—	—	—	—	31	—	3	—	—	—	—	—	—	—	—	1	—	1	—	2	—	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Transvaal.....	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orange Free State—Oranje-Vrystaat....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL—TOTAAL.....	—	—	—	—	37	—	3	—	—	—	—	—	—	—	5*	—	1	—	9	—	4	—	—	—	4	—	7	—	—	—	1	—	—	—	8	—	1,014	—	69	—	19	—	—	—	18	—
IV.—COLOURED.—KLEURLINGE.																																														
Cape—Kaap.....	—	—	—	—	153	—	9	—	2	—	—	—	—	—	—	—	58	—	248	—	—	—	—	—	14	—	14	—	—	—	15	—	10	—	—	—	—	—	—	—	—	—	—	—	—	
Natal.....	—	—	—	—	5	—	—	—	—	—	—	—	—	—	—	—	1	—	3	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Transvaal.....	—	—	—	—	19	—	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	252	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orange Free State—Oranje-Vrystaat....	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	12	—	6	—	—	—	—	—	—	2	—	—	—	482	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL—TOTAAL.....	—	—	—	—	180	—	11	—	3	—	—	—	—	—	20*	—	—	—	72	—	257	—	—	—	15	—	17	—	—	—	16	—	10	—	—	—	7,530	—	272	—	123	—	1	—	753	—
V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE).																																														
Cape—Kaap.....	1	—	—	—	464	—	—	—	11	—	—	—	—	—	—	1	—	106	—	361	—	1	—	—	—	36	—	119	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Natal.....	—	—	—	—	352	—	—	—	1	—	—	—	—	—	—	21	—	44	—	71	—	—	—	—	48	—	145	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Transvaal.....	2	—	2	—	825	—	—	—	12	—	111	—	21	—	—	97	—	300	—	125	—	—	—	13	—	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Orange Free State—Oranje-Vrystaat....	5	—	—	—	415	—	—	—	2	—	1	—	—	—	—	19	—	156	—	11	—	—	—	10	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unspecified—Ongespesifiseer.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																						

TABLE 12 (a).—MALARIA: HUTS TREATED WITH
RESIDUAL INSECTICIDES, 1ST JANUARY,
1960, TO 31ST DECEMBER, 1964.

Period.—Tydperk.	Transvaal.	Natal.	Cape.—Kaap.
1/1/60–31/12/60.....	153,503	121,083	474
1/1/61–31/12/61.....	173,936	124,407	—
1/1/62–31/12/62.....	184,406	69,171	—
1/1/63–31/12/63.....	174,068	58,810	—
1/1/63–31/12/64.....	292,403	22,739	—

TABEL 12 (a).—MALARIA: HUTTE MET NAWER-
KENDE INSEKDODENDE MIDDELS BEHAN-
DEL, 1 JANUARIE 1960 TOT 31 DESEMBER
1964.

TABLE 12 (b).—NUMBER OF POSITIVE SMEARS
EXAMINED, 1ST JANUARY, 1960, TO 31ST
DECEMBER, 1964.

Period.—Tydperk.	Cape.—Kaap.	Transvaal.	Natal.	Total.—Totaal.
1/1/60–31/12/60.....	—	46	297	343
1/1/61–31/12/61.....	—	91	152	243
1/1/62–31/12/62.....	—	60	151	211
1/1/63–31/12/63.....	—	154	550	704
1/1/64–31/12/64.....	—	96	137	233

TABEL 12 (b).—GETAL POSITIEWE SMERE WAT
ONDERSOEK IS, 1 JANUARIE 1960 TOT 31
DESEMBER 1964.

TABLE 13.—OCCURRENCE AND DISTRIBUTION OF HUMAN PLAGUE, 1ST JANUARY, 1960, TO 31ST DECEMBER, 1964. TABEL 13.—VOORKOMS EN VERSPREIDING VAN MENSLIKE PES, 1 JANUARIE 1960 TOT 31 DESEMBER 1964.

District. Distrik.	1960.			1961.			1962.			1963.			1964.		
	Out-breaks. Uit-brekinge.	Cases. Gevalle.	Deaths. Sterf-gevalle.	Out-breaks. Uit-brekinge.	Cases. Gevalle.	Deaths. Sterf-gevalle.	Out-breaks. Uit-brekinge.	Cases. Gevalle.	Deaths. Sterf-gevalle.	Out-breaks. Uit-brekinge.	Cases. Gevalle.	Deaths. Sterf-gevalle.	Out-breaks. Uit-brekinge.	Cases. Gevalle.	Deaths. Sterf-gevalle.
Cape Province—Kaapprovinsie—															
Aliwal North—Aliwal-Noord.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Calvinia.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Glen Grey.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kirkwood.....	—	—	—	1	1	1	—	—	—	—	—	—	—	—	—
Port Elizabeth.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Marks.....	—	—	—	—	—	—	1	5	—	—	—	—	—	—	—
Uitenhage.....	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Vryburg.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Williston.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Orange Free State—Oranje-Vrystaat—															
Bothaville.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heilbron.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Koppies.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kroonstad.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ladybrand.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thaba Nchu.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL—TOTAAL.....	—	—	—	1	1	1	1	5	—	—	—	—	1	1	—

TABLE 14 (a).—TUBERCULOSIS: DISTRIBUTION OF CASES AND DEATHS, BY RACE AND AGE, 1st JANUARY, 1960 TO 31st DECEMBER, 1964. TABEL 14 (a).—TUBERKULOSE: VERSPREIDING VAN GEVALLE EN STERF-GEVALLE, VOLGENS RAS EN OUDERDOM, 1 JANUARIE 1960 TOT 31 DESEMBER 1964.

	0-4 Years. 0-4 Jaar.		5-9 Years. 5-9 Jaar.		10-14 Years. 10-14 Jaar.		15-19 Years. 15-19 Jaar.		20-24 Years. 20-24 Jaar.		25-29 Years. 25-29 Jaar.		30-39 Years. 30-39 Jaar.		40-49 Years. 40-49 Jaar.		50 + Years. 50 + Jaar.		Unspecified. Ongespesifiseer.		Total. Totaal.		Yearly incidence and death-rate per 100,000 of population. Jaarlikse voor- koms en sterfte- syfer per 100,000 van die bevolking.	
	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.	Cases. Gevalle.	Deaths. Sterf- gevalle.
WHITES.—BLANKES.																								
1960.....	119	12	67	1	34	1	51	2	99	5	74	7	154	14	178	31	403	146	—	—	1,221	219	39·8	7·09
1961.....	161	10	78	1	26	—	45	—	79	3	63	5	150	18	203	28	367	143	—	—	1,224	208	39·4	6·65
1962†.....	198	—	73	—	33	—	39	—	67	—	71	—	165	—	186	—	392	—	—	—	1,261	—	39·6	—
1963†.....	184	—	72	—	40	—	42	—	52	—	60	—	146	—	172	—	383	—	—	—	1,213	—	37·1	—
1964†.....	175	—	92	—	34	—	43	—	56	—	70	—	146	—	176	—	333	—	—	—	1,163	—	34·9	—
BANTU.—BANTOES.*																								
1960.....	9,985	—	4,943	—	2,818	—	2,406	—	3,487	—	3,847	—	7,238	—	6,296	—	8,202	—	—	—	50,248	—	464·7	—
1961.....	9,469	—	4,521	—	2,562	—	2,343	—	3,310	—	3,671	—	7,367	—	6,522	—	8,527	—	—	—	49,233	—	447·3	—
1962†.....	11,924	—	4,872	—	2,601	—	2,438	—	3,503	—	4,138	—	8,285	—	7,632	—	9,567	—	—	—	53,801	—	473·7	—
1963†.....	11,309	—	5,135	—	2,684	—	2,599	—	3,549	—	4,174	—	8,430	—	7,875	—	10,246	—	—	—	57,401	—	489·5	—
1964†.....	13,209	—	5,427	—	2,772	—	2,455	—	3,294	—	3,850	—	7,734	—	7,235	—	9,426	—	—	—	56,653	—	475·5	—
COLOURED.—KLEURLINGE.																								
1960.....	1,829	409	1,172	36	607	29	491	51	682	119	608	113	859	210	679	178	882	397	—	—	7,896	1,532	530·6	101·5
1961.....	1,831	346	986	46	415	25	350	39	569	85	564	117	792	231	528	213	771	375	—	—	6,979	1,477	458·5	95·48
1962†.....	1,924	—	970	—	380	—	448	—	583	—	627	—	837	—	649	—	850	—	—	—	7,419	—	465·7	—
1963†.....	2,069	—	1,002	—	414	—	426	—	570	—	584	—	920	—	657	—	902	—	—	—	7,652	—	458·5	—
1964†.....	2,207	—	1,174	—	405	—	426	—	627	—	573	—	822	—	660	—	748	—	—	—	7,802	—	456·9	—
ASIATICS.—ASIAIE.																								
1960.....	147	19	75	3	52	1	71	3	117	6	103	3	116	9	101	10	106	28	—	—	896	82	187·7	17·19
1961.....	203	15	105	2	74	2	19	4	121	3	101	13	133	14	111	26	104	22	—	—	1,055	101	216·3	20·61
1962.....	139	—	78	—	62	—	107	—	112	—	93	—	140	—	100	—	125	—	—	—	969	—	193·4	—
1963.....	119	—	69	—	47	—	78	—	112	—	98	—	150	—	118	—	117	—	—	—	929	—	180·3	—
1964.....	184	—	119	—	64	—	92	—	131	—	121	—	146	—	83	—	126	—	—	—	1,083	—	208·3	—

* Death figures for Bantu not available.
* Sterftesyfer vir Bantoe nie beskikbaar nie.
† Death figures not available yet.
† Sterfte syfers nog nie beskikbaar nie.

TABLE 14 (b).—TUBERCULOSIS: FORMS WHICH CAUSED DEATH IN CHILDREN UNDER FIVE YEARS OF AGE, YEAR ENDED THE 31ST DECEMBER, 1960.

TABEL 14 (b).—TUBERKULOSE: VORMS WAT DIE DOOD VEROORSAAK HET BY KINDERS ONDER DIE OUDERDOM VAN VYF JAAR, JAAR GEËINDIG 31 DESEMBER 1960.

Cause of Death.—Doodsoorsaak.	Whites. Blanks.			Coloureds. Kleurlinge.			Asiatics. Asiate.	
	Male. Manlik.	Female. Vroulik.	Total. Totaal.	Male. Manlik.	Female. Vroulik.	Total. Totaal.	Male. Manlik.	Female. Vroulik.
001 Respiratory tuberculosis with silicosis—Tuberkulose van die asemhalingstelsel met silikose.....	—	—	—	—	—	—	—	—
002 Pulmonary tuberculosis—Tuberkulose van die long.....	2	—	2	103	94	197	29	25
005 Tracheobronchial glandular tuberculosis with symptoms—Trageobrongiale kliertuberkulose met symptome.....	—	—	—	1	1	2	—	—
008 Tuberculosis, unspecified site—Tuberkulose, plek nie gespesifiseer nie.....	—	—	—	—	—	—	—	—
010 Tuberculosis of meninges and central nervous system—Tuberkulose van die harsing- en rug- murgvliese en die sentrale senuweestelsel.....	—	—	—	—	—	—	—	—
011 Tuberculosis of intestines, peritoneum and mesentric glands—Tuberkulose van die ingewande, peritoneum en dermskeikliere.....	5	3	8	87	68	155	10	4
015 Tuberculosis of lymphatic system—Tuberkulose van limfatiese stelsel.....	2	—	2	6	5	11	1	4
019 Disseminated tuberculosis, including miliary tuberculosis—Verspreide tuberkulose, met inbegrip van milière tuberkulose.....	—	—	—	2	—	2	—	—
	—	—	—	20	18	38	2	2

TABLE 14 (b).—TUBERCULOSIS: FORMS WHICH CAUSED DEATH IN CHILDREN UNDER FIVE YEARS OF AGE, YEAR ENDED THE 31ST DECEMBER, 1961.

TABEL 14 (b).—TUBERKULOSE: VORMS WAT DIE DOOD VEROORSAAK HET BY KINDERS ONDER DIE OUDERDOM VAN VYF JAAR, JAAR GEËINDIG 31 DESEMBER 1961.

Cause of Death.—Doodoorsaak.	Whites. Blankes.			Coloureds. Kleurlinge.			Asiatics. Asiate.		
	Male. Manlik.	Female. Vroulik.	Total. Totaal.	Male. Manlik.	Female. Vroulik.	Total. Totaal.	Male. Manlik.	Female. Vroulik.	Total. Totaal.
001 Respiratory tuberculosis with silicosis—Tuberkulose van die asemhalingstelsel met silikose.....	—	—	—	—	—	—	—	—	—
002 Pulmonary tuberculosis—Tuberkulose van die long.....	—	1	1	106	86	192	—	5	5
005 Tracheobronchial glandular tuberculosis with symptoms—Trageobrongiale kliertuberkulose met simptome.....	—	—	—	—	—	—	—	—	—
008 Tuberculosis, unspecified site—Tuberkulose, plek nie gespesifiseer nie.....	—	—	—	—	—	—	—	—	—
010 Tuberculosis of meninges and central nervous system—Tuberkulose van die harsing- en rugmurg- vliese en die sentrale senuweestelsel.....	3	2	5	59	47	106	2	2	4
011 Tuberculosis of intestines, peritoneum and mesentric glands—Tuberkulose van die ingewande, peritoneum en dermskeikliere.....	—	—	—	2	8	10	—	—	—
015 Tuberculosis of lymphatic system—Tuberkulose van limfatiese stelsel.....	—	—	—	1	—	1	—	—	—
019 Disseminated tuberculosis, including military tuberculosis—Verspreide tuberkulose, met inbegrip van miliêre tuberkulose.....	—	2	2	15	20	35	1	5	6

Figures for 1962, 1963 and 1964 not available.

Syfers vir 1962, 1963 en 1964 nog nie beskikbaar nie.

TABLE 15.—TYPHOID FEVER: DISTRIBUTION OF CASES AND DEATHS, BY RACE REPORTED DURING THE YEARS 1960-1964.

TABEL 15. — TIFOÏEDKOORS: VERSPREIDING VAN GEVALLE EN STERFGEVALLE VOLGENS RAS, AANGEGEE GEDURENDE DIE JARE 1960-1964.

Year. Jaar.	Cases.—Gevalle.		Deaths.—Sterfgevalle.	
	Total. Totaal.	Annual inci- dence Rate per 100,000 of the Population. Jaarlikse voor- komssyfer per 100,000 van die bevolking.	Total. Totaal.	Death Rate per 100,000 of the Population. Sterftesyfer per 100,000 van die bevolking.

WHITES.—BLANKES.

1960.....	108	3.5	—	—
1961.....	89	2.8	—	—
1962.....	100	3.1	*	—
1963.....	82	2.5	*	—
1964.....	74	2.2	*	—

BANTU.—BANTOES.*

1960.....	2,000	18.5	*	—
1961.....	1,802	16.3	*	—
1962.....	2,009	17.6	*	—
1963.....	2,602	22.2	*	—
1964.....	3,027	25.4	*	—

ASIATICS.—ASIATE.

1960.....	20	4.1	—	—
1961.....	28	5.8	—	—
1962.....	27	5.3	*	—
1963.....	74	14.3	*	—
1964.....	19	3.7	*	—

COLOURED.—KLEURLINGE.

1960.....	259	17.4	—	—
1961.....	111	7.3	—	—
1962.....	120	7.5	*	—
1963.....	150	8.9	*	—
1964.....	123	7.2	*	—

* Not available.
* Nie beskikbaar nie.

TABLE 16.—TYPHUS: NUMBER OF CASES IN THE UNION, ALL RACES, FROM 1933 TO 1964.

TABEL 16.—VLEKTIFUS: GETAL GEVALLE IN DIE REPUBLIEK, ALLE RASSE, VAN 1933 TOT 1964.

Period, year ended 30th June. Tydperk, jaar geëindig 30 Junie.	Cape Province. Kaap- provinsie.	Natal.	Transvaal.	Orange Free State. Oranje- Vrystaat.	Union. Unie.	
					Cases. Gevalle.	Deaths. Sterfgevalle.
1933.....	1,649	208	25	243	2,125	302
1934.....	1,905	207	208	3,636	5,956	662
1935.....	2,898	224	429	3,275	6,826	998
1936.....	835	33	457	280	1,605	284
1937.....	694	89	46	178	1,007	168
1938.....	822	19	53	88	982	168
1939.....	1,067	81	93	32	1,273	424
1940.....	635	84	60	62	841	146
1941.....	616	9	44	45	714	176
1942.....	1,472	38	16	20	1,546	359
1943.....	2,687	66	145	21	2,919	521
1944.....	5,247	85	254	37	5,623	2,600
1945.....	2,473	180	190	66	2,909	566
1946.....	559	155	78	18	810	40
1947.....	440	164	12	10	626	32
1948.....	682	74	53	13	822	49
1949.....	158	67	26	8	259	15
1950.....	81	22	35	20	158	5
1/7/50-31/12/51.....	138	10	39	9	196	12
1/1/52-31/12/52.....	75	7	13	3	98	8
1/1/53-31/12/53.....	19	11	8	4	42	3
1/1/54-31/12/54.....	48	1	5	—	54	—*
1/1/55-31/12/55.....	—	7	3	7	17	—*
1/1/56-31/12/56.....	40	6	—	—	46	—*
1/1/57-31/12/57.....	61	1	5	—	67	—*
1/1/58-31/12/58.....	97	—	1	—	98	2
1/1/59-31/12/59.....	80	—	—	—	80	—
1960.....	72	—	—	—	72	2
1961.....	176	—	—	—	176	—
1962.....	127	—	—	—	127	—
1963.....	32	—	—	—	32	—
1964.....	22	—	—	—	22	—

* Figures for Bantu deaths not available.
* Syfers betreffende Bantoesterfgevalle nie beskikbaar nie.

TABLE 17 (a). — PORTS OF THE REPUBLIC:
HEALTH MEASURES.TABEL 17 (a).—HAWENS VAN DIE REPUBLIEK:
GESONDHEIDSMATREËLS.

Health Measures.—Gesondheidsmaatreëls.	1960.	1961.	1962.	1963.	1964.
1. Number of vessels that entered port—Getal vaartuie wat hawe binnegekom het.....	7,396	7,070	7,420	7,444	8,173
Pratique granted—Verkeersvergunning verleen:—					
(a) by radio—per radio.....	1,683	1,504	1,473	1,421	1,899
(b) after boarding and inspection—na bestyging en inspeksie.	762	795	1,110	1,072	982
2. Number of cases of communicable diseases dealt with—Getal gevalle van oordraagbare siekte waarmee gehandel:—					
(a) Number of suspected cases of notifiable diseases—Getal verdagte gevalle van aangeebare siektes wat aangegee moet word.....	13	17	19	14	16
(b) Number of suspected cases of venereal diseases—Getal verdagte gevalle van veneriese siekte.....	232	237	345	359	397
(c) Number of suspected cases of other communicable diseases—Getal verdagte gevalle van ander oordraagbare siektes.....	109	113	82	70	77
Total of (a), (b) and (c)—Totaal van (a), (b) en (c)....	354	367	443	443	490
(d) Confirmed number of cases of notifiable diseases—Bevestigde getal gevalle van siektes wat aangegee moet word..	23	14	13	12	4
(e) Confirmed number of cases of venereal diseases—Bevestigde getal gevalle van veneriese siektes.....	293	299	377	360	399
(f) Confirmed number of cases of other communicable diseases—Bevestigde getal gevalle van ander oordraagbare siektes.....	131	125	186	103	165
Total of (d), (e) and (f)—Totaal van (d), (e) en (f)...	447	438	576	475	568
Number of ships involved—Getal skepe betrokke.....	78	94	115	82	91
3. Special measures taken—Spesiale maatreëls getref:—					
(a) Number of persons landed and isolated—Getal persone aan wal gebring en afgesonder.....	13	16	20	14	36
(b) Number of persons isolated on board—Getal persone aan boord afgesonder.....	29	37	58	42	51
Total of (a) and (b)—Totaal van (a) en (b).....	42	53	72	56	87
Vessels disinfected—Vaartuie ontsmet.....	40	45	65	43	61
Consignments of goods condemned—Besendings goedere afgekeur.....	259	199	270	214	210
Consignments of goods disinfected—Besendings goedere ontsmet	93	80	126	125	118
Number of vessels deratted—Getal vaartuie ontrot.....	43	40	38	37	33
Number of deratization exemption certificates issued—Getal ontrottingsvrystellingsertifikate uitgereik.....	204	204	268	300	305
Number of rodents destroyed on vessels—Getal knaagdiere op vaartuie doodgemaak.....	765	398	639	705	452
Number of rodents destroyed in dock area—Getal knaagdiere in hawegebied doodgemaak.....	6,332	6,588	4,957	5,112	6,053
Number of inoculations or vaccinations performed by the Port Health Officer in respect of—Getal inspuitings of inentings deur die Hawegesondheidsbeampte gedoen ten opsigte van:—					
Yellow fever—Geelkoors.....	11,186	10,289	11,370	11,445	10,814
Smallpox—Pokkies.....	4,432	5,532	6,856	5,949	7,036
Typhoid-Paratyphoid—Tifoïde-Paratifoïde.....	344	353	211	227	38,597
Typhoid-Paratyphoid-Cholera—Tifoïde-Paratifoïde-Cholera	2,286	2,144	2,840	2,785	2,574
Typhus—Vlektifus.....	10	8	20	9	653
Cholera.....	1,800	1,961	2,644	2,747	706
TOTAL—TOTAAL.....	20,058	20,287	24,175	23,509	60,350

TABLE 18 (a).—DISTRICT NURSING SERVICES: NUMBER OF NURSES, MIDWIVES AND NON-WHITE NURSING ASSISTANTS FOR THE YEARS 1960, 1961, 1962, 1963 AND 1964, IN RESPECT OF WHOM SUBSIDIES OR PART-REFUND OF SALARIES ARE PAID, COMPARED WITH THE TOTALS AS AT THE 31st DECEMBER, 1935.

TABEL 18 (a). — DISTRIKSVERPLEEGDIENSTE: GETAL VERPLEEGSTERS, VROEDVROUEN EN NIE-BLANKE VERPLEEGASSISTENTE VIR DIE JARE 1960, 1961, 1962, 1963 EN 1964. TEN OPSIGTE VAN WIE SUBSIDIES OF GEDEELTELIKE TERUGBETALING VAN SALARISSE BETAAL IS, IN VERGELYKING MET DIE TOTALE SOOS OP 31 DESEMBER 1935.

Race. Ras.	Part-refunds to Local Authorities and Charitable Organisations under Section 14 (a). Gedeeltelike terugbetalings aan plaaslike besture en liefdadigheidsorganisasies kragtens artikel 14 (a).					
	1935.	1960.	1961.	1962.	1963.	1964.
Whites—Blankes.....	23	134	120	131	123	127
Bantus—Bantoes.....	2	399	350	445	334	460
Coloureds—Kleurlinge.....	—	101	101	127	120	141
ALL RACES—ALLE RASSE.....	25	634	571	703	577	728
Race. Ras.	Subsidies to Private Nurses and Midwives under Section 14 (c) [prior to 1953, Section 14 (b)]. Subsidies aan private verpleegsters en vroedvroue kragtens artikel 14 (c) [voor 1953, artikel 14 (b)].					
	1935.	1960.	1961.	1962.	1963.	1964.
Whites—Blankes.....	7	3	3	3	3	2
Bantus—Bantoes.....	—	—	—	—	—	—
Coloureds—Kleurlinge.....	1	—	—	—	—	—
ALL RACES—ALLE RASSE.....	8	3	3	3	3	2
Race. Ras.	Part-refunds to Charitable Organisations, Bodies Controlling Mission Hospitals and Statutory Native Bodies in Native Areas under Section 15 (a). Gedeeltelike terugbetalings aan liefdadigheidsorganisasies, beheerliggame van sendinghospitale, en wetlike Naturelleggame in Naturellegebiede, kragtens Artikel 15 (a).					
	1935.	1960.	1961.	1962.	1963.	1964.
Whites—Blankes.....	—	2	2	2	2	3
Bantus—Bantoes.....	11	215	195	278	245	310
Coloureds—Kleurlinge.....	—	2	—	—	1	—
ALL RACES—ALLE RASSE.....	11	219	197	280	248	313
Race. Ras.	Subsidies to Private Nurses and Midwives in Native Areas under Section 15 (c) [prior to 1953, Section 15 (b)]. Subsidies aan private verpleegsters en vroedvroue in Naturellegebiede kragtens artikel 15 (c) [voor 1953, artikel 15 (b)].					
	1935.	1960.	1961.	1962.	1963.	1964.
Whites—Blankes.....	—	—	—	—	—	—
Bantus—Bantoes.....	3	5	5	3	5	4
Coloureds—Kleurlinge.....	—	—	—	—	—	—
ALL RACES—ALLE RASSE.....	3	5	5	3	5	4

TABLE 18 (b).—NURSING HOMES REGISTERED WITH THE DEPARTMENT AND BED ACCOMMODATION AVAILABLE AS AT THE 31ST DECEMBER, 1960.

TABEL 18 (b).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREGISTREER EN GETAL BEDDENS BESKIKBAAR OP 31 DESEMBER 1960.

Particulars.—Besonderhede.	Transvaal.		Orange Free State. Oranje-Vrystaat.	
	White. Blank.	Non-White. Nie-Blank.	White. Blank.	Non-White. Nie-Blank.
Nursing Homes Registered with the Department—Verpleeg- inrigtings by die Departement geregistreer.....	84	11	17	1
Bed accommodation available:—				
Getal beddens beskikbaar:—				
Beds—Beddens.....	2,279	141	89	102
*Cots—Wiegies.....	537	71	50	—

* For new-born babies.

* Vir pasgebore babas.

TABLE 18 (b).—NURSING HOMES REGISTERED WITH THE DEPARTMENT AND BED ACCOMMODATION AVAILABLE AS AT THE 31ST DECEMBER, 1961.

TABEL 18 (b).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREGISTREER EN GETAL BEDDENS BESKIKBAAR OP 31 DESEMBER 1961.

Particulars.—Besonderhede.	Transvaal.		Orange Free State. Oranje-Vrystaat.	
	White. Blank.	Non-White. Nie-Blank.	White. Blank.	Non-White. Nie-Blank.
Nursing Homes Registered with the Department—Verpleeg- inrigtings by die Departement geregistreer.....	84	9	14	1
Bed accommodation available:—				
Getal beddens beskikbaar:—				
Beds—Beddens.....	2,227	204	70	220
*Cots—Wiegies.....	548	50	34	21

* For new-born babies.

* Vir pasgebore babas.

TABLE 18 (b).—NURSING HOMES REGISTERED WITH THE DEPARTMENT AND BED ACCOMMODATION AVAILABLE AS AT THE 31ST DECEMBER, 1962.

TABEL 18 (b).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREGISTREER EN GETAL BEDDENS BESKIKBAAR OP 31 DESEMBER 1962.

Particulars.—Besonderhede.	Transvaal.		Orange Free State. Oranje-Vrystaat.	
	White. Blank.	Non-White. Nie-Blank.	White. Blank.	Non-White. Nie-Blank.
Nursing Homes Registered with the Department—Verpleeg- inrigtings by die Departement geregistreer.....	86	9	11	1
Bed accommodation available:—				
Getal beddels beskikbaar:—				
Beds—Beddens.....	2,227	92	68	313
*Cots—Wiegies.....	638	65	30	20

* For new-born babies.

* Vir pasgebore babas.

TABLE 18 (b).—NURSING HOMES REGISTERED WITH THE DEPARTMENT AND BED ACCOMMODATION AVAILABLE AS AT THE 31ST DECEMBER, 1963.

TABEL 18 (b).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREGISTREER EN GETAL BEDDENS BESIKBAAR OP 31 DESEMBER 1963.

Particulars.—Besonderhede.	Transvaal.		Orange Free State. Oranje-Vrystaat.	
	White. Blank.	Non-White. Nie-Blank.	White. Blank.	Non-White. Nie-Blank.
Nursing Homes Registered with the Department—Verpleeg- inrigtings by die Departement geregistreer.....	79	8	11	2
Bed accommodation available:— Getal beddens beskikbaar:—				
Beds—Beddens.....	2,205	65	61	322
*Cots—Wiegies.....	572	40	36	29

* For new-born babies.
* Vir pasgebore babas.

TABLE 18 (b).—NURSING HOMES REGISTERED WITH THE DEPARTMENT AND BED ACCOMMODATION AVAILABLE AS AT THE 31ST DECEMBER, 1964.

TABEL 18 (b).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREGISTREER EN GETAL BEDDENS BESIKBAAR OP 31 DESEMBER 1964.

Particulars.—Besonderhede.	Transvaal.		Orange Free State. Oranje-Vrystaat.	
	White. Blank.	Non-White. Nie-Blank.	White. Blank.	Non-White. Nie-Blank.
Nursing Homes Registered with the Department—Verpleeg- inrigtings by die Departement geregistreer.....	73	8	11	2
Bed accommodation available:— Getal beddels beskikbaar:—				
Beds—Beddens.....	2,330	65	61	322
*Cots—Wiegies.....	569	40	36	29

* For new-born babies.
* Vir pasgebore babas.

TABLE 19 (a).—PATHOLOGICAL LABORATORIES: ANALYSES AND EXAMINATIONS, YEAR ENDED 31ST DECEMBER, 1960.

TABEL 19 (a).—LABORATORIUMS VIR PATOLOGIE: ONTLEDINGS EN ONDERSOEKE, JAAR GEËINDIG 31 DESEMBER 1960.

	Government Laboratories. Staatslaboratoriums.		South African Institute for Medical Research. Suid-Afrikaanse Instituut vir Mediese Navorsing.			
	Cape Town. Kaapstad.	Durban.	Johannesburg.	Port Elizabeth.	Bloemfontein.	Kroonstad.
Particulars.—Besonderhede.						
Specimens examined for—Monsters ondersoek vir:—						
(a) Government Departments—Staatsdepartemente—						
Agricultural Technical Services—Landbou-tegniese Dienste.....	—	—	—	—	—	—
Customs and Excise—Doeane en Aksyns.....	3,330	441	3,245	613	606	—
Defence (and Navy)—Verdediging (en Vloot).....	—	109	—	—	—	—
Education—Onderwys.....	—	—	—	—	—	—
Finance—Finansies.....	12,182	49,594	230,232	20,154	11,240	1,589
Health (including Lepet Institutions and Mental Hospitals)—Gesondheid (met inbegrip van leprose-inrigtings en sielsiekehospitale).....	—	4,362	11,487	779	712	171
Interior—Binnelandse Sake.....	714	—	25,185	—	—	—
Justice (including Prisons)—Justisie (met inbegrip van Gevangenis).....	—	—	—	—	—	—
Mines—Mynwese.....	—	—	—	—	—	—
Bantu Administration and Development—Bantoe-administrasie en -ontwikkeling.....	—	—	—	—	—	—
Public Works—Publieke Werke.....	—	—	—	—	—	—
South African Railways and Harbours—Suid-Afrikaanse Spoorweë en Hawens.....	842	527	10,739	614	881	70
Other—Ander.....	—	—	—	—	—	—
TOTALS—TOTALE.....	17,068	55,033	280,888	22,127	13,439	1,830
(b) General Hospitals (Provincial)—Algemene Hospitale (Provinsiaal).....	5,248	—	845,023	118,638	32,634	9,333
(c) Local Authorities—Plaaslike besture.....	76,609	42,329	237,929	49,674	6,633	10,116
(d) Medical Practitioners and Members of the Public—Geneeshere en lede van die publiek.....	9,358	58,432	188,698	60,314	28,524	3,865
(e) Other Governments and other Administrations—Ander regerings en ander administrasies.....	7	—	124,484	27,652	2,566	—
(f) Others—Ander.....	—	—	13,197	—	3,522	—
TOTALS—TOTALE.....	91,222	100,761	1,409,331	256,277	73,259	23,314
Manufactures and Issues—Fabrikate en uitreikings:—						
Autogenous Vaccines—Outogene Vaksiene.....	—	—	437	66	34	11
Bacterial Vaccines—Bakteriese Vaksiene.....	50	—	—	—	—	—
Anti-Rabic Vaccine—Vakstien teen Hondsdolheid.....	82,590	—	28,516	4,338	—	—
Tuberculin Dilutions—Tuberkulienverduunnings.....	—	—	53,091	—	—	—
Sera (Various) Bacterial Filtrates—Serums (verskillende) bakteriese filtrate.....	—	—	324,474	—	—	—
Sera (ampules)—Serums (ampulle).....	—	—	—	—	—	—
Chaulmoogra Oil Preparations—Chaulmoograoliepreparate.....	—	—	1,982,300	7,200	11,200	—
Lymph (issued)—Limf (uitgereik).....	7,749,581	—	—	—	—	—
Chick Membrane Lymph (on hand)—Kuikenvlieslimf (voorhande).....	—	—	—	—	—	—
Other (oral) dosis—Ander dossise (mond).....	—	—	—	—	—	—
Milk Cultures—Melkkulture.....	—	—	—	—	—	—
Human blood processed—Menslike bloed verwerk.....	—	—	—	—	—	—
Wet bottles prepared for whole blood—Nat bottels vir volbloed voorberei.....	—	—	—	—	—	—
Serum separated from blood—Serum geskei van bloed.....	—	—	—	—	—	—
Other Vaccines—Ander vaksien.....	—	—	2,001,253	—	—	—
Influenza Vaccine—Griepvaksien.....	—	—	—	—	—	—

* Included in report of S.A. Institute for Medical Research, Johannesburg.
Ingesluit by verslag van S.A. Instituut vir Mediese Navorsing, Johannesburg.

TABLE 19 (a).—PATHOLOGICAL LABORATORIES: ANALYSES AND EXAMINATIONS, YEAR ENDED 31ST DECEMBER, 1961.

TABEL 19 (a).—LABORATORIUMS VIR PATOLOGIE: ONTLEDINGS EN ONDERSOEKE, JAAR GEËINDIG 31 DESEMBER 1961.

Particulars.—Besonderhede.	Government Laboratories. Staatslaboratoriums.		South African Institute for Medical Research. Suid-Afrikaanse Instituut vir Mediese Navorsing.			
	Cape Town. Kaapstad.	Durban.	Johannesburg.	Port Elizabeth.	Bloemfontein.	Kroonstad.
Specimens examined for—Monsters ondersoek vir:—						
(a) Government Departments—Staatsdepartemente—						
Agricultural Technical Services—Landbou-tegniese Dienste.	—	—	—	—	—	—
Customs and Excise—Doeane en Aksyns.	—	—	—	—	—	—
Defence (and Navy)—Verdediging (en Vloot).	3,505	—	2,647	591	769	51
Education—Onderwys.	—	—	—	—	—	—
Finance—Finansies.	—	—	—	—	—	—
Health (including Leper Institutions and Mental Hospitals)—Gesondheid (met inbegrip van leprose-inrigtings en sielsiekehospitale).	22,927	—	525,363	22,002	27,844	10,188
Interior—Binnelandse Sake.	—	—	—	—	—	—
Justice (including Prisons)—Justisie (met inbegrip van Gevangenisse).	—	—	—	—	—	—
Mines—Mynwese.	1,792	—	12,704	1,061	1,248	551
Bantu Administration and Development—Bantoe-administrasie en -ontwikkeling.	—	—	25,814	—	2,560	—
Public Works—Publieke Werke.	—	—	—	—	—	—
South African Railways and Harbours—Suid-Afrikaanse Spoorweë en Hawens.	—	—	—	—	—	—
Other—Ander.	—	—	9,817	1,343	13	—
TOTALS—TOTALE.	28,224	—	576,365	24,997	32,434	10,790
(b) General Hospitals (Provinciale)—Algemene Hospitale (Provinsiaal).	1,897	—	951,809	140,813	26,175	2,919
(c) Local Authorities—Plaaslike bestuur.	76,979	—	26,688	53,639	134	841
(d) Medical Practitioners and Members of the Public—Geneeshere en lede van die publiek.	9,814	—	208,261	100,241	29,256	21,496
(e) Other Governments and other Administrations—Ander regerings en ander administrasies.	491	—	8,535	—	2,348	—
(f) Others—Ander.	2,170	—	122,721	—	2,862	5,805
TOTALS—TOTALE.	91,351	—	1,318,014	294,693	60,784	31,061
Manufactures and Issues—Fabrikate en uitreikings:—						
Autogenous Vaccines—Outogene Vaksiene.	87,150	—	440	111	33	3
Bacterial Vaccines—Bakteriese Vaksiene.	84,690	—	—	—	—	—
Anti-Rabic Vaccine—Vaksien teen Hondsdolheid.	—	—	—	—	—	—
Tuberculin Dilutions—Tuberkulienverduunnings.	—	—	31,886	4,782	—	—
Sera (Various) Bacterial Filtrates—Serums (verskillende) bakteriese filtrate.	—	—	46,809	—	—	—
Sera (ampules)—Serums (ampulle).	—	—	396,931	—	—	—
Chaulmoogra Oil Preparations—Chaulmoograoliepreparate.	—	—	—	—	—	—
Lymph (issued)—Limf (uitgereik).	8,217,212	—	1,294,500	5,690	11,800	—
Chick Membrane Lymph (on hand)—Kuikenvlieslimf (voorhande).	—	—	—	—	—	—
Other (oral) doses—Ander dosisse (mond).	—	—	2,166,946	—	—	—
Milk Cultures—Melkkulture.	—	—	—	—	—	—
Human blood processed—Menslike bloed verwerk.	—	—	—	—	—	—
Wet bottles prepared for whole blood—Nat bottels vir volbloed voorberei.	—	—	—	—	—	—
Serum separated from blood—Serum geskei van bloed.	—	—	—	—	—	—
Other Vaccines—Ander vaksiene.	—	—	—	—	—	—
Influenza Vaccine—Griepvaksien.	—	—	—	—	—	—

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TABLE 19 (a).—PATHOLOGICAL LABORATORIES: ANALYSES AND EXAMINATIONS, YEAR ENDED 31ST DECEMBER, 1962.

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Particulars.—Besonderhede.	Government Laboratories. Staatslaboratoriums.		South African Institute for Medical Research. Suid-Afrikaanse Instituut vir Mediese Navorsing.			
	Cape Town. Kaapstad.	Durban.	Johannesburg.	Port Elizabeth.	Bloemfontein.	Kroonstad.
Specimens examined for—Monsters ondersoek vir:—						
(a) Government Departments—Staatsdepartemente—						
Agricultural Technical Services—Landbou-tegniese Dienste	—	—	—	—	—	—
Customs and Excise—Doeane en Aksyns	—	—	—	—	—	—
Defence (and Navy)—Verdediging (en Vloot)	4,586	422	20,378	9,533	8,396	719
Education—Onderwys	—	5	—	—	—	—
Finance—Finansies	—	—	—	—	—	—
Health (including Lepet Institutions and Mental Hospitals)—Gesondheid (met inbegrip van leprose-inrigtings en sielsekehospitale)	6,721	49,115	2,938,325	579,419	224,088	60,040
Interior—Binnelandse Sake	—	—	—	—	—	—
Justice (including Prisons)—Justisie (met inbegrip van Gevangenis)	1,484	4,404	148,299	22,434	3,110	2,508
Mines—Mynwese	—	—	132,782	—	—	—
Bantu Administration and Development—Bantoe-administrasie en -ontwikkeling	—	—	—	—	—	—
Public Works—Publieke Werke	—	339	—	—	—	—
South African Railways and Harbours—Suid-Afrikaanse Spoorweë en Hawens	—	—	101,936	18,903	8,919	687
Other—Ander	—	—	—	—	—	—
TOTALS—TOTALE	12,791	54,285	3,341,720	630,289	244,513	63,954
(b) General Hospitals (Provincial)—Algemene Hospitale (Provinsiaal)						
(c) Local Authorities—Plaaslike besture	3,205	—	8,057,644	1,152,567	336,093	87,469
(d) Medical Practitioners and Members of the Public—Geneeshere en lede van die publiek	91,619	49,108	299,782	81,770	3,938	5,266
(e) Other Governments and other Administrations—Ander regerings en ander administrasies	7,665	71,490	2,285,650	850,673	298,145	37,685
(f) Others—Ander	—	—	44,113	—	31,106	—
	19,863	—	1,209,070	57,855	21,264	1,073
TOTALS—TOTALE	122,352	120,598	11,896,259	2,142,865	690,546	131,493
Manufactures and Issues—Fabrikate en uitreikings:—						
Autogenous Vaccines—Outogene Vaksiene	—	—	413	95	26	10
Bacterial Vaccines—Bakteriese Vaksiene	—	—	—	—	—	—
Anti-Rabic Vaccine—Vaksien teen Hondsdolheid	63,710	—	—	—	—	—
Tuberculin Dilutions—Tuberkulienverduinnings	—	—	35,511	4,800	—	—
Sera (Various) Bacterial Filtrates—Serums (verskillende) bakteriese filtrate	—	—	92,429	—	—	—
Sera (ampules)—Serums (ampulle)	—	—	357,673	—	—	—
Chaulmoogra Oil Preparations—Chaulmoograoliepreparate	—	—	—	—	—	—
Lymph (issued)—Limf (uitgereik)	10,872,561	—	2,183,000	7,110	12,300	—
Chick Membrane Lymph (on hand)—Kuikenvlieslimf (voorhande)	—	—	—	—	—	—
Other (oral) doses—Ander dosisse (mond)	—	—	—	—	—	—
Milk Cultures—Melkkulture	—	—	—	—	—	—
Human blood processed—Menslike bloed verwerk	—	—	—	—	—	—
Wet bottles prepared for whole blood—Nat bottels vir volbloed voorberei	—	—	—	—	—	—
Serum separated from blood—Serum geskei van bloed	—	—	—	—	—	—
Other Vaccines—Ander vaksiene	—	—	8,480,743	—	—	—
Influenza Vaccine—Griepvaksien	—	—	—	—	—	—

TABLE 19 (a).—PATHOLOGICAL LABORATORIES: ANALYSES AND EXAMINATIONS, YEAR ENDED 31ST DECEMBER, 1963.

TABLE 19 (a).—LABORATORIUMS VIR PATOLOGIE : ONTLEDINGS EN ONDERSOEKE, JAAR GEËINDIG 31 DESEMBER 1963.

Particulars.—Besonderhede.	Government Laboratories. Staatslaboratoriums.		South African Institute for Medical Research. Suid-Afrikaanse Instituut vir Mediese Navorsing.			
	Cape Town. Kaapstad.	Durban.	Johannesburg.	Port Elizabeth.	Bloemfontein.	Kroonstad.
Specimens examined for—Monsters ondersoek vir:—						
(a) Government Departments—Staatsdepartemente—						
Agricultural Technical Services—Landbou-tegniese Dienste.....	—	—	—	—	—	—
Customs and Excise—Doeane en Aksyns.....	—	—	—	—	—	—
Defence (and Navy)—Verdediging (en Vloot).....	6,703	860	21,277	5,973	6,880	1,174
Education—Onderwys.....	—	—	—	—	—	—
Finance—Finansies.....	—	—	—	—	—	—
Health (including Leper Institutions and Mental Hospitals)—Gesondheid (met inbegrip van leprose-inrigtings en sielsiekehospitale).....	7,320	61,120	2,977,443	640,172	214,900	67,542
Interior—Binnelandse Sake.....	—	—	—	—	—	—
Justice (including Prisons)—Justisie (met inbegrip van Gevangenis).....	1,207	2,922	155,503	21,837	4,576	4,584
Mines—Mynwese.....	—	—	161,360	—	—	—
Bantu Administration and Development—Bantoe-administrasie en -ontwikkeling.....	—	—	—	—	—	—
Public Works—Publieke Werke.....	—	—	—	—	—	—
South African Railways and Harbours—Suid-Afrikaanse Spoorweë en Hawens.....	—	765	—	—	—	—
Other—Ander.....	—	—	96,972	15,230	8,501	554
TOTALS—TOTALE.....	15,230	65,667	3,412,555	683,212	234,857	73,854
(b) General Hospitals (Provincial)—Algemene Hospitale (Provinsiaal).....						
(c) Local Authorities—Plaaslike besture.....	2,349	—	—	—	—	—
(d) Medical Practitioners and Members of the Public—Geneeshere en lede van die publiek.....	102,640	48,918	—	—	—	—
(e) Other Governments and other Administrations—Ander regerings en ander administrasies.....	8,707	77,373	—	—	—	—
(f) Others—Ander.....	—	—	—	—	—	—
19,004	—	—	—	—	—	—
TOTALS—TOTALE.....	132,790	126,291	—	—	—	—
Manufactures and Issues—Fabrikate en uitreikings:—						
Autogenous Vaccines—Outogene Vaksiene.....	150	—	316	61	44	18
Bacterial Vaccines—Bakteriese Vaksiene.....	73,219	—	—	—	—	—
Anti-Rabic Vaccine—Vaksien teen Hondsdolheid.....	65,070	—	—	—	—	—
Tuberculin Dilutions—Tuberkulienverduinnings.....	—	—	34,131	3,601	—	—
Sera (Various) Bacterial Filtrates—Serums (verskillende) bakteriese filtrate.....	—	—	93,443	—	—	—
Sera (ampules)—Serums (ampulle).....	—	—	296,252	—	—	—
Chaulmoogra Oil Preparations—Chaulmoograoliepreparate.....	—	—	—	—	—	—
Lymph (issued)—Limf (uitgereik).....	—	—	—	—	—	—
Chick Membrane Lymph (on hand)—Kuikenvlieslimf (voorhande).....	9,416,934	—	1,630,000	9,000	6,600	1,200
Other (oral) doses—Ander dosisse (mond).....	—	—	—	—	—	—
Milk Cultures—Melkkulture.....	—	—	—	—	—	—
Human blood processed—Menslike bloed verwerk.....	—	—	—	—	—	—
Wet bottles prepared for whole blood—Nat bottels vir volbloed voorberei.....	—	—	—	—	—	—
Serum separated from blood—Serum geskei van bloed.....	—	—	—	—	—	—
Other Vaccines—Ander vaksiene.....	—	—	2,682,748	—	—	—
Influenza Vaccine—Griepvaksien.....	—	—	—	—	—	—

* Included in report of S.A. Institute for Medical Research, Johannesburg.
* Ingesluit by verslag van S.A. Instituut vir Mediese Navorsing, Johannesburg.

TABLE 19 (a).—PATHOLOGICAL LABORATORIES: ANALYSES AND EXAMINATIONS, YEAR ENDED 31ST DECEMBER, 1964.

TABLE 19 (a).—LABORATORIUMS VIR PATOLOGIE : ONTLEDINGS EN ONDERSOEKE, JAAR GEËINDIG 31 DESEMBER 1964.

Particulars.—Besonderhede.	Government Laboratories. Staatslaboratoriums.		South African Institute for Medical Research. Suid-Afrikaanse Instituut vir Mediese Navorsing.			
	Cape Town. Kaapstad.	Durban.	Johannesburg.	Port Elizabeth.	Bloemfontein.	Kroonstad.
Specimens examined for—Monsters ondersoek vir:—						
(a) Government Departments—Staatsdepartemente—						
Agricultural Technical Services—Landbou-tegniese Dienste.	—	—	—	—	—	—
Customs and Excise—Doeane en Aksyns.	—	—	—	—	—	—
Defence (and Navy)—Verdediging (en Vloot).	9,616	426	18,800	6,252	9,393	—
Education—Onderwys.	—	19	—	—	—	—
Finance—Finansies.	—	—	—	—	—	—
Health (including Leper Institutions and Mental Hospitals)—Gesondheid (met inbegrip van leprose-inrigtings en sielsiekehospitale).	8,769	28,855	3,179,025	723,562	502,308	—
Interior—Binnelandse Sake.	—	—	—	—	—	—
Justice (including Prisons)—Justisie (met inbegrip van Gevangenes).	1,379	2,768	162,371	22,942	10,307	—
Mines—Mynwese.	—	—	135,348	—	848	—
Bantu Administration and Development—Bantoe-administrasie en -ontwikkeling.	—	—	—	—	—	—
Public Works—Publieke Werke.	—	—	—	—	—	—
South African Railways and Harbours—Suid-Afrikaanse Spoorweë en Hawens.	—	461	—	—	—	—
Other—Ander.	—	—	102,637	17,438	19,669	—
TOTALS—TOTALE.	19,764	32,529	3,598,181	770,194	550,157	—
(b) General Hospitals (Provincial)—Algemene Hospitale (Provinsiaal).	2,081	—	9,689,207	1,789,854	569,176	—
(c) Local Authorities—Plaaslike besture.	99,707	13,425	205,724	103,451	26,240	—
(d) Medical Practitioners and Members of the Public—Geneeshere en lede van die publiek.	8,530	44,462	2,240,461	651,915	737,045	—
(e) Other Governments and other Administrations—Ander regerings en ander administrasies.	—	—	41,402	—	23,210	—
(f) Others—Ander.	20,483	—	1,144,119	49,893	63,884	—
TOTALS—TOTALE.	130,801	57,887	13,320,913	2,595,113	1,419,555	—
Manufactures and Issues—Fabrikate en uitreikings:—						
Autogenous Vaccines—Outogene Vaksiene.	—	—	308	52	—	—
Bacterial Vaccines—Bakteriese Vaksiene.	83,776	—	—	—	—	—
Anti-Rabic Vaccine—Vaksien teen Hondsdolheid.	—	—	—	—	—	—
Tuberculin Dilutions—Tuberkulienverduunnings.	—	—	20,258	3,675	—	—
Sera (Various) Bacterial Filtrates—Serums (verskillende) bakteriese filtrate.	—	—	83,938	—	—	—
Sera (ampules)—Serums (ampulle).	—	—	307,214	—	—	—
Chaulmoogra Oil Preparations—Chaulmoograoliepreparate.	—	—	—	—	—	—
Lymph (issued)—Limf (uitgereik).	20,113,988	—	—	—	—	—
Chick Membrane Lymph (on hand)—Kuikenvlieslimf (voorhande).	—	—	2,618,577	15,500	—	—
Other (oral) doses—Ander dosisse (mond).	—	—	—	—	—	—
Milk Cultures—Melkkulture.	—	—	—	—	—	—
Human blood processed—Menslike bloed verwerk.	—	—	—	—	—	—
Wet bottles prepared for whole blood—Nat bottels vir volbloed voorberei.	—	—	—	—	—	—
Serum separated from blood—Serum geskei van bloed.	—	—	—	—	—	—
Other Vaccines—Ander vaksiene.	—	—	2,832,099	—	14,444	—
Influenza Vaccine—Griepvaksien.	—	—	—	—	—	—

* Included in report of S.A. Institute for Medical Research, Johannesburg.
* Ingesluit by verslag van S.A. Instituut vir Mediese Navorsing, Johannesburg.

TABLE 19 (b).—PATHOLOGICAL LABORATORIES:
NATURE OF EXAMINATIONS CARRIED
OUT DURING THE YEARS 1960-1964.TABEL 19 (b).—LABORATORIUMS VIR PATO-
LOGIE: AARD VAN ONDERSOEKE UITGE-
VOER, GEDURENDE DIE JARE 1960-1964.

Nature of Examinations. Aard van Ondersoeke.	1960.	1961.	1962.	1963.	1964.
Particular disease—Bepaalde siekte.....	56,880	59,359	68,441	65,511	65,849
General bacteriological—Algemeen bakteriologies.....	2,780	8,621	4,610	11,513	12,622
Serological—Serologies.....	71,168	76,669	77,986	72,343	65,003
Parasitological—Parasitologies.....	183	266	—	661	592
Pathological—Patologies.....	6,189	4,942	6,987	6,754	6,299
Haematological—Hematologies.....	5,015	5,911	6,032	6,829	8,118
Chemical—Skeikundig.....	6,872	5,724	5,982	6,176	8,128
Miscellaneous—Diverse.....	431	399	1,517	496	—
TOTAL—TOTAAL.....	148,536	161,891	171,555	170,282	166,611

TABLE 19 (c).—GOVERNMENT VACCINE INSTI-
TUTE, ROSEBANK, CAPE PROVINCE:
WORK CARRIED OUT DURING THE YEARS
1960-1964.TABEL 19 (c). — STAATSENTSTOFINSTITUUT,
ROSEBANK, KAAPPROVINSIE: WERK
UITGEVOER GEDURENDE DIE JAAR 1960-
1964.

	1960.	1961.	1962.	1963.	1964.
Number of calves vaccinated—Getal kalwers ingeënt...	173	175	—	91	558
Number of calves successful—Getal kalwers geslaag...	173	175	—	90	541
Number of calves' lymph rejected—Getal kalwers se limf afgekeur.....	—	—	—	1	17
Amount of lymph obtained—Hoeveelheid limf verkry..	302,940c.c.	333,540c.c.	—	42,048m.l.	261,798m.l.
Average quantity per successful calf—Gemiddelde hoeveelheid per geslaagde kalf.....	1,715c.c.	1,906c.c.	—	466m.l.	484m.l.
Average number of tubes per successful calf—Gemid- delde getal buisies per geslaagde kalf.....	70,044	76,237	—	18,688doses	19,356
Average value per successful calf at 2d. per tube— Gemiddelde waarde per geslaagde kalf teen 2d. per buisie.....	£583 14 0	R1,524.74	—	R373.76	R387.12
Total number of tubes manufactured during the year— Totale getal buisies gedurende jaar vervaardig....	12,117,600	13,341,600	—	1,681,920	10,471,920
Number of tubes issued during the year—Getal buisies gedurende die jaar uitgereik.....	7,749,581	8,217,212	10,872,561	9,416,934	20,113,988
Value of all lymph manufactured at 2d. per tube— Waarde van alle limf vervaardig teen 2d. per buisie..	£100,980	R266,832.00	—	R33,638.40	R109,438.40
Value of lymph issued free at 2d. per tube—Waarde van limf gratis uitgereik, bereken teen 2d. per buisie....	£36,927 16 4	R86,310.64	R139,725.76	R120,698.74	R290,611.12
Number of tubes (approximate) on hand at end of December—Getal buisies (ongeveer) voorhande einde Desember.....	31,129,600	37,046,400	28,315,200	1,958,400	20,727,000
Revenue received by sales outside the Union—Inkomste verkry uit verkope buite die Unie.....	£26,899 4 0	R65,276.13	R64,656.76	R58,699.99	R97,202.94

TABLE 19 (d).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: LYMPH ISSUED FREE IN THE REPUBLIC.

TABEL 19 (d). — STAATSENTSTOFINSTITUUT ROSEBANK, KAAPPROVINSIE: LIMF IN DIE REPUBLIEK GRATIS UITGEREIK.

Year. Jaar.	Cape Province. Kaapprovinsie.	Transvaal.	Natal.	Orange Free State. Oranje- Vrystaat.	Monthly Total. Maandelikse totaal.
1960.....	533,032	2,209,300	1,103,006	586,000	4,431,338
1961.....	426,397	2,340,300	713,500	835,335	4,315,532
1962.....	700,408	4,121,900	1,271,700	891,780	6,986,288
1963.....	473,937	3,383,500	138,800	809,500	6,034,937
1964.....	4,541,981	5,534,250	2,174,350	2,279,975	14,530,556

TABLE 19 (e).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: LYMPH SOLD OUTSIDE THE REPUBLIC.

TABEL 19 (e). — STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: VERKOPE VAN LIMF BUITE DIE REPUBLIEK.

Jaar. Year.	Singel Dose Tubes at 2c per tube. Enkeldosisbuisies teen 2c elk.	Ampoules of 50 doses each at 75c per ampoule. Ampulle van 50 dosisse teen 75c per ampul.	Ampoules of 100 doses each at R1.40 per ampoule. Ampulle van 100 dosisse teen R1.40 per ampul.	Ampoules of 250 doses each at R3.20 per ampoule. Ampulle van 250 dosisse teen R3.20 per ampul.
1960.....	2,434,293	17,031	324	—
1961.....	363,630	12,425	791	1,492
1962.....	311,323	8,805	2,576	1,812
1963.....	378,247	7,611	112	400
1964.....	374,032	21,420	224	20

TABLE 20.—FOOD, DRUGS AND DISINFECTANTS ACT (ACT No. 13 OF 1929): SAMPLES TAKEN FOR EXAMINATION OR ANALYSIS AND THE RESULTS.

TABEL 20.—WET OP VOEDINGSMIDDELS, MEDISYNE EN ONTSMETTINGSMIDDELS (WET No. 13 VAN 1929): MONSTERS VIR ONDER- SOEK OF ONTLEDING GENEEM EN DIE RESULTATE.

Year. Jaar.	Total taken. Totaal geneem.	Number Analysed or Examined. Getal ontleed of ondersoek.	Number found Adulterated or Incorrectly or Falsely Described. Getal wat vervals, of verkeerd of vals omskryf, bevind is.	Prosecutions. Vervolgings.	Convictions. Veroordelings.
1960.....	10,788	10,784	847	331	132
1961.....	8,928	8,928	320	113	106
1962.....	8,303	8,296	1,016	273	210
1963.....	8,314	8,314	649	318	257
1964.....	8,573	8,573	1,120	330	190

TABLE 21 (a).—MEDICAL, DENTAL AND PHARMACY ACT (ACT No. 13 OF 1928): PROSECUTIONS AND CONVICTIONS UNDER LAWS RELATING TO HABIT-FORMING DRUGS.

TABEL 21 (a).—WET OP GENEESHERE, TAND-ARTSE EN APTEKERS (WET No. 13 VAN 1928): VERVOLGINGS EN VEROORDELINGS KRAGTENS WETTE BETREFFENDE GEWOONTEVORMENDE MEDISYNE.

Province and Particulars. Provinsie en Besonderhede.	Whites. Blankes.		Bantus. Bantoes.		Asiatics. Asiate.		Coloureds. Kleurlinge.		Total. Totaal.	
	Prose- cutions. Ver- volgings.	Con- victions. Veroor- delings.	Prose- cutions. Ver- volgings.	Con- victions. Veroor- delings.	Prose- cutions. Ver- volgings.	Con- victions. Veroor- delings.	Prose- cutions. Ver- volgings.	Con- victions. Veroor- delings.	Prose- cutions. Ver- volgings.	Con- victions. Veroor- delings.
1960—										
Dagga.....	703	632	12,426	11,241	555	507	3,114	2,876	16,798	15,256
Other habit-forming drugs—Ander gewoontevormende medisynes....	—	—	2	—	—	—	—	—	2	—
1961—										
Dagga.....	888	793	15,946	14,553	641	589	3,533	3,275	21,008	19,209
Other habit-forming drugs—Ander gewoontevormende medisynes....	3	3	1	1	4	3	4	2	12	9
1962—										
Dagga.....	1,042	886	17,637	15,929	812	732	4,306	3,977	23,797	21,524
Other habit-forming drugs—Ander gewoontevormende medisynes....	—	—	—	—	—	—	—	—	—	—
1963*—										
Dagga.....	—	—	—	—	—	—	—	—	—	—
Other habit-forming drugs—Ander gewoontevormende medisynes....	—	—	—	—	—	—	—	—	—	—
1964*—										
Dagga.....	—	—	—	—	—	—	—	—	—	—
Other habit-forming drugs—Ander gewoontevormende medisynes....	—	—	—	—	—	—	—	—	—	—

* Not yet available.

* Nog nie beskikbaar nie.

TABLE 21 (b).—THERAPEUTIC SUBSTANCES REGULATIONS: LICENCES ISSUED UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1960.

Particulars. Besonderhede.	Import Licences. Invoer- lisensies.	Manufacturing Licences. Vervaardigings- lisensies.	Vitamin Permits. Vitamiën- permitte.	Research Licences. Navorsings- lisensies.	Blood Processing Licences. Bloedver- werkingslisensies.
Number of Licences—Getal lisensies—					
In force—Van krag, 1/1/60.....	89	121	56	11	8
Issued—Uitgereik.....	34	15	8	1	—
Cancelled—Ingetrek.....	14	3	4	1	—
In force—Van krag, 31/12/60.....	109	133	60	11	8

TABEL 21 (b).—REGULASIES OP TERAPEUTIESE STOWWE: LISENSIES UITGEREIK KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1960.

TABLE 21 (b) (continued).—DETAILS OF MANUFACTURING LICENCES IN FORCE ON THE 31ST DECEMBER, 1960.

Antitoxins and sera—Antitoksiene en serums.....	}	54
Toxins, antigens and vaccines—Toksiene, antigene en vaksiene.....		37
Vitamins—Vitamiene.....		26
Antibiotics—Antibiotiese middels.....		11
Androgens and oestrogens—Androgene en estrogene.....		1
Pituitary extracts—Harsingslymklierekstrak.....		—
Surgical catgut—Chirurgiese dermsnaar.....		4
Insulin—Insulien.....		133
TOTAL—TOTAAL.....		

TABEL 21 (b) (vervolg).—BESONDERHEDE VAN VERVAARDIGINGSLISENSIES VAN KRAG OP 31 DESEMBER 1960.

TABLE 21 (c).—EXAMINATIONS CARRIED OUT UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1960.

TABEL 21 (c).—ONDERSOEKE UITGEVOER KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1960.

Product. Produk.	Manufactured in the Republic. In die Republiek vervaardig.	Imported. Ingevoer.	Number Unsatisfactory. Getal onbevredigend.
Bacterial vaccines—Bakteriese vaksiene.....	18	4	8
Schick test toxin—Schicktoetstoksien.....	—	—	—
Diphtheria prophylactic—Witseerkeelvoorbehoedmiddel.....	—	—	—
Diphtheria antitoxin—Witseerkeelantitoksien.....	—	—	—
Tetanus antitoxin—Tetanusanitoksien.....	—	—	—
Tuberculin—Tuberkulien.....	—	—	—
Arsphenamine and derivatives—Arsfenamien en derivate.....	—	—	—
Insulin—Insulien.....	1	1	—
Pituitary extracts—Harsingslymklierekstrak.....	—	—	—
Catgut—Dermisnaar.....	—	52	1
Sterilised ligatures and sutures—Gesteriliseerde bande en hegmateriaal.....	—	—	—
Sex hormones—Geslaghormone.....	—	—	—
Vitamins and preparations—Vitamiene en preparate.....	19	29	19
Antibiotics—Antibiotiese middels.....	45	218	18
Disinfectants—Ontsmettingsmiddels.....	—	—	—
Others—Ander.....	—	3	—
TOTALS—TOTAAL.....	83	307	46

TABLE 21 (b).—THERAPEUTIC SUBSTANCES REGULATIONS: LICENCES ISSUED UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1961.

Particulars. Besonderhede.	Import Licences. Invoer- lisensies.	Manufacturing Licences. Vervaardigings- lisensies.	Vitamin Permits. Vitamien- permitte.	Research Licences. Navorsings- lisensies.	Blood Processing Licences. Bloedver- werkingslisensies.
Number of Licences—Getal lisensies—					
In force—Van krag, 1/1/61.....	109	133	60	11	8
Issued—Uitgereik.....	15	11	11	—	—
Cancelled—Ingetrek.....	10	44	10	1	2
In force—Van krag, 31/12/61.....	144	100	61	10	6

TABEL 21 (b).—REGULASIES OP TERAPEUTIESE STOWWE: LISENSIES UITGEREIK KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1961.

TABLE 21 (b) (continued).—DETAILS OF MANUFACTURING LICENCES IN FORCE ON THE 31ST DECEMBER, 1961.

Antitoxins and sera—Antitoksiene en serums.....	} 16
Toxins, antigens and vaccines—Toksiene, antigene en vaksiene.....	
Vitamins—Vitamiene.....	40
Antibiotics—Antibiotiese middels.....	28
Androgens and oestrogens—Androgene en estrogene.....	12
Pituitary extracts—Harsingslymklierekstrak.....	—
Surgical catgut—Chirurgiese dermsnaar.....	—
Insulin—Insulien.....	4
TOTAL—TOTAAL.....	100

TABEL 21 (b) (vervolg).—BESONDERHEDE VAN VERVAARDIGINGSLISENSIES VAN Krag OP 31 DESEMBER 1961.

TABLE 21 (c).—EXAMINATIONS CARRIED OUT UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1961.

Product. Produk.	Manufactured in the Republic. In die Republiek vervaardig.	Imported. Ingevoer.	Number Unsatisfactory. Getal onbevredigend.
Bacterial vaccines—Bakteriese vaksiene.....	—	—	—
Schick test toxin—Schicktoetstoksien.....	35	4	5
Diphtheria prophylactic—Witseerkeelvoorbehoedmiddel.....			
Diphtheria antitoxin—Witseerkeelantitoksien.....	—	—	—
Tetanus antitoxin—Tetanusantitoksien.....	—	—	—
Tuberculin—Tuberkulien.....	—	—	—
Arsphenamine and derivatives—Arsfenamien en derivate.....	—	—	—
Insulin—Insulien.....	—	—	—
Pituitary extracts—Harsingslymklierekstrak.....	—	—	—
Catgut—Dermisnaar.....	—	27	—
Sterilised ligatures and sutures—Gesteriliseerde bande en hegmatériau.....	—	10	5
Sex hormones—Geslaghormone.....	25	52	23
Vitamins and preparations—Vitamiene en preparate.....	72	316	28
Antibiotics—Antibiotiese middels.....	—	—	—
Disinfectants—Ontsmettingsmiddels.....	—	—	—
Others—Ander.....	—	—	—
TOTALS—TOTALE.....	132	409	61

TABEL 21 (c).—ONDERSOEKE UITGEVOER KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1961.

TABLE 21 (b).—THERAPEUTIC SUBSTANCES REGULATIONS: LICENCES ISSUED UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1962.

Particulars. Besonderhede.	Import Licences. Invoer- lisensies.	Manufacturing Licences. Vervaardigings- lisensies.	Vitamin Permits. Vitamien- permitte.	Research Licences. Navorsings- lisensies.	Blood Processing Licences. Bloedver- werkingslisensies.
Number of Licences—Getal lisensies—					
In force—Van krag, 1/1/62.....	114	100	61	10	6
Issued—Uitgereik.....	21	23	9	1	—
Cancelled—Ingetrek.....	11	10	1	—	—
In force—Van krag, 31/12/62.....	124	113	69	11	6

TABEL 21 (b).—REGULASIES OP TERAPEUTIESE STOWWE: LISENSIES UITGEREIK KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1962.

TABLE 21 (b) (continued).—DETAILS OF MANUFACTURING LICENCES IN FORCE ON THE 31ST DECEMBER, 1962.

Antitoxins and sera—Antitoksiene en serums.....	}	13
Toxins, antigens and vaccines—Toksiene, antigene en vaksiene.....		
Vitamins—Vitamiene.....		48
Antibiotics—Antibiotiese middels.....		33
Androgens and oestrogens—Androgene en estrogene.....		15
Pituitary extracts—Harsingslymklierekstrak.....		—
Surgical catgut—Chirurgiese dermsnaar.....		—
Insulin—Insulien.....		4
TOTAL—TOTAAL.....		113

TABEL 21 (b) (vervolg).—BESONDERHEDE VAN VERVAARDIGINGSLISENSIES VAN KRAG OP 31 DESEMBER 1962.

TABLE 21 (c).—EXAMINATIONS CARRIED OUT UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1962.

Product. Produk.	Manufactured in the Republic. In die Republiek vervaardig.	Imported. Ingevoer.	Number Unsatisfactory. Getal onbevredigend.
Bacterial vaccines—Bakteriese vaksiene.....	22	—	2
Schick test toxin—Schicktoetstoksien.....	—	—	—
Diphtheria prophylactic—Witseerkeelvoorbehoedmiddel.....	—	—	—
Diphtheria antitoxin—Witseerkeelantitoksien.....	—	—	—
Tetanus antitoxin—Tetanusantitoksien.....	—	—	—
Tuberculin—Tuberkulien.....	—	—	—
Arsphenamine and derivatives—Arsfenamien en derivate.....	—	—	—
Insulin—Insulien.....	—	1	—
Pituitary extracts—Harsingslymklierekstrak.....	—	—	—
Catgut—Dermsnaar.....	—	—	—
Sterilised ligatures and sutures—Gesteriliseerde bande en heg materiaal.....	—	32	—
Sex hormones—Geslaghormone.....	1	—	—
Vitamins and preparations—Vitamiene en preparate.....	21	16	8
Antibiotics—Antibiotiese middels.....	22	333	14
Disinfectants—Ontsmettingsmiddels.....	—	—	—
Others—Ander.....	—	3	—
TOTALS—TOTALE.....	126	382	24

TABEL 21 (c).—ONDERSOEKE UITGEVOER KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1962.

TABLE 21 (b).—THERAPEUTIC SUBSTANCES REGULATIONS: LICENCES ISSUED UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1963.

Particulars. Besonderhede.	Import Licences. Invoer- lisensies.	Manufacturing Licences. Vervaardigings- lisensies.	Vitamin Permits. Vitamien- permitte.	Research Licences. Navorsings- lisensies.	Blood Processing Licences. Bloedver- werkingslisensies.
Number of Licences—Getal lisensies—					
In force—Van krag, 1/1/63.....	124	113	69	11	6
Issued—Uitgereik.....	34	25	8	—	—
Cancelled—Ingetrek.....	14	14	4	—	6
In force—Van krag, 31/12/63.....	144	124	73	11	—

TABEL 21 (b).—REGULASIES OP TERAPEUTIESE STOWWE: LISENSIES UITGEREIK KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1963.

TABLE 21 (b) (continued).—DETAILS OF MANUFACTURING LICENCES IN FORCE ON THE 31ST DECEMBER, 1963.

TABEL 21 (b) (vervolg).—BESONDERHEDE VAN VERVAARDIGINGSLISENSIES VAN KRAAG OP 31 DESEMBER 1963.

Antitoxins and sera—Antitoksiene en serums.....	}	14
Toxins, antigens and vaccines—Toksiene, antigene en vaksiene.....		47
Vitamins—Vitamiene.....		43
Antibiotics—Antibiotiese middels.....		16
Androgens and oestrogens—Androgene en estrogene.....		—
Pituitary extracts—Harsingslymklierekstrak.....		—
Surgical catgut—Chirurgiese dermsnaar.....		4
Insulin—Insulien.....		124
TOTAL—TOTAAL.....		

TABLE 21 (c).—EXAMINATIONS CARRIED OUT UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1963.

TABEL 21 (c).—ONDERSOEKE UITGEVOER KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1963.

Product. Produk.	Manufactured in the Republic. In die Republiek vervaardig.	Imported. Ingevoer.	Number Unsatisfactory. Getal onbevredigend.
Bacterial vaccines—Bakteriese vaksiene.....	18	—	2
Schick test toxin—Schicktoetstoksien.....	—	—	—
Diphtheria prophylactic—Witseerkeelvoorbehoedmiddel.....	—	—	—
Diphtheria antitoxin—Witseerkeelantitoksien.....	—	—	—
Tetanus antitoxin—Tetanusantitoksien.....	—	—	—
Tuberculin—Tuberkulien.....	—	—	—
Arsphenamine and derivatives—Arsfenamien en derivate.....	—	—	—
Insulin—Insulien.....	—	—	—
Pituitary extracts—Harsingslymklierekstrak.....	—	—	—
Catgut—Dermsnaar.....	—	—	—
Sterilised ligatures and sutures—Gesteriliseerde bande en heg materiaal.....	—	19	—
Sex hormones—Geslaghormone.....	—	—	—
Vitamins and preparations—Vitamiene en preparate.....	20	15	6
Antibiotics—Antibiotiese middels.....	140	229	7
Disinfectants—Ontsmettingsmiddels.....	—	—	—
Others—Ander.....	—	2	—
TOTALS—TOTAAL.....	178	265	15

TABLE 21 (b).—THERAPEUTIC SUBSTANCES REGULATIONS: LICENCES ISSUED UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1964.

Particulars. Besonderhede.	Import Licences. Invoer- lisensies.	Manufacturing Licences. Vervaardigings- lisensies.	Vitamin Permits. Vitamien- permitte.	Research Licences. Navorsings- lisensies.	Blood Processing Licences. Bloedver- werkingslisensies.
Number of Licences—Getal lisensies—					
In force—Van krag, 1/1/64.....	144	124	73	11	—
Issued—Uitgereik.....	21	23	5	1	—
Cancelled—Ingetrek.....	17	5	7	—	—
In force—Van krag, 31/12/64.....	148	142	71	12	—

TABEL 21 (b).—REGULASIES OP TERAPEUTIESE STOWWE: LISENSIES UITGEREIK KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1964.

TABLE 21 (b) (continued).—DETAILS OF MANUFACTURING LICENCES IN FORCE ON THE 31ST DECEMBER, 1964.

Antitoxins and sera—Antitoksiene en serums.....	} 15
Toxins, antigens and vaccines—Toksiene, antigene en vaksiene.....	
Vitamins—Vitamiene.....	51
Antibiotics—Antibiotiese middels.....	53
Androgens and oestrogens—Androgene en estrogene.....	19
Pituitary extracts—Harsingslymklierekstrak.....	—
Surgical catgut—Chirurgiese dermsnaar.....	—
Insulin—Insulien.....	4
TOTAL—TOTAAL.....	142

TABEL 21 (b) (vervolg).—BESONDERHEDE VAN VERVAARDIGINGSLISENSIES VAN Krag OP 31 DESEMBER 1964.

TABLE 21 (c).—EXAMINATIONS CARRIED OUT UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1964.

Product. Produk.	Manufactured in the Republic. In die Republiek vervaardig.	Imported. Ingevoer.	Number Unsatisfactory. Getal onbevredigend.
Bacterial vaccines—Bakteriese vaksiene.....	6	1	1
Schick test toxin—Schicktoetstoksien.....	—	—	—
Diphtheria prophylactic—Witseerkeelvoorbehoedmiddel.....	—	—	—
Diphtheria antitoxin—Witseerkeelantitoksien.....	—	—	—
Tetanus antitoxin—Tetanusanitoksien.....	—	—	—
Tuberculin—Tuberkulien.....	—	—	—
Arsphenamine and derivatives—Arsfenamien en derivate.....	—	—	—
Insulin—Insulien.....	—	—	—
Pituitary extracts—Harsingslymklierekstrak.....	—	1	1
Catgut—Dermisnaar.....	—	—	—
Sterilised ligatures and sutures—Gesteriliseerde bande en hegmaterial.....	—	8	—
Sex hormones—Geslaghormone.....	—	1	—
Vitamins and preparations—Vitamiene en preparate.....	3	20	7
Antibiotics—Antibiotiese middels.....	100	125	23
Disinfectants—Ontsmettingsmiddels.....	—	—	—
Others—Ander.....	—	—	—
TOTALS—TOTALE.....	109	156	32

TABEL 21 (c).—ONDERSOEKE UITGEVOER KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1964.

TABLE 21 (d).—NARCOTIC DRUGS IMPORTED INTO THE REPUBLIC OF SOUTH AFRICA, 1960-1964 (IN KILOGRAMS).

TABEL 21 (d).—NARKOTIESE MIDDELS WAT IN DIE REPUBLIEK VAN SUID-AFRIKA INGEVOER IS (IN KILOGRAM), 1960-1964.

Drug.—Middel.	1960.	1961.	1962.	1963.	1964.
Raw Opium—Ru-opium.....	749·327	132·000	385·401	105·401	280·000
Medical Opium—Medisinale opium.....	141·593	128·000	180·361	433·712	198·077
Opium Tincture and Extracts—Opiumtinktuur en ekstrakte.....	194·110	307·815	433·257	316·816	241·214
Morphine—Morfien.....	33·257	35·153	42·007	502·146	1,410·160
Cocaine—Kokaïen.....	25·569	3·498	7·393	13·731	17·610
Codeine—Kodeïen.....	838·083	774·892	976·422	1,323·791	132·581
Dionine—Dionien.....	—	—	—	1,333·791	—
Pethidine.....	145·083	140·778	172·026	197·212	98·848
Levorphanol.....	0·069	—	—	—	—
Pholcodine.....	19·061	21·488	31·160	27·604	3·721
Oxycodone.....	0·484	0·843	—	0·813	0·084
Hydracodone.....	0·606	—	0·022	0·679	0·008
Hydromorphone.....	0·010	0·004	0·053	0·013	—
Thebacon.....	—	0·004	0·004	—	0·004
Ethylmorphine—Etielmorfien.....	19·744	11·280	28·417	20·141	4·500
Methadone.....	5·603	1·953	1·870	1·350	0·450
Diethylthianbutene—Diëtieltianbuteen.....	0·036	0·140	0·637	0·925	6·630
Dipipanone—Dipanoon.....	2·837	6·893	9·900	14·400	—
Dextromoramide.....	1·562	1·615	0·784	1·509	1·650
Cannabis.....	51·475	—	—	7·938	—
Normethadone.....	0·408	—	—	0·100	—
Dihydrocodeine.....	0·138	0·010	0·036	0·060	—
Oxymorphone.....	0·015	0·021	0·042	—	—
Levorphanol.....	—	0·120	0·637	0·033	0·051
Phenazocine.....	—	0·001	0·002	—	—

